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THE COLUMBIAN UNIVERSITY.

THE COLUMBIAN COLLEGE.

THE CORCORAN SCIENTIFIC SCHOOL.

THE SCHOOL OF GRADUATE STUDIES.

THE LAW SCHOOL.

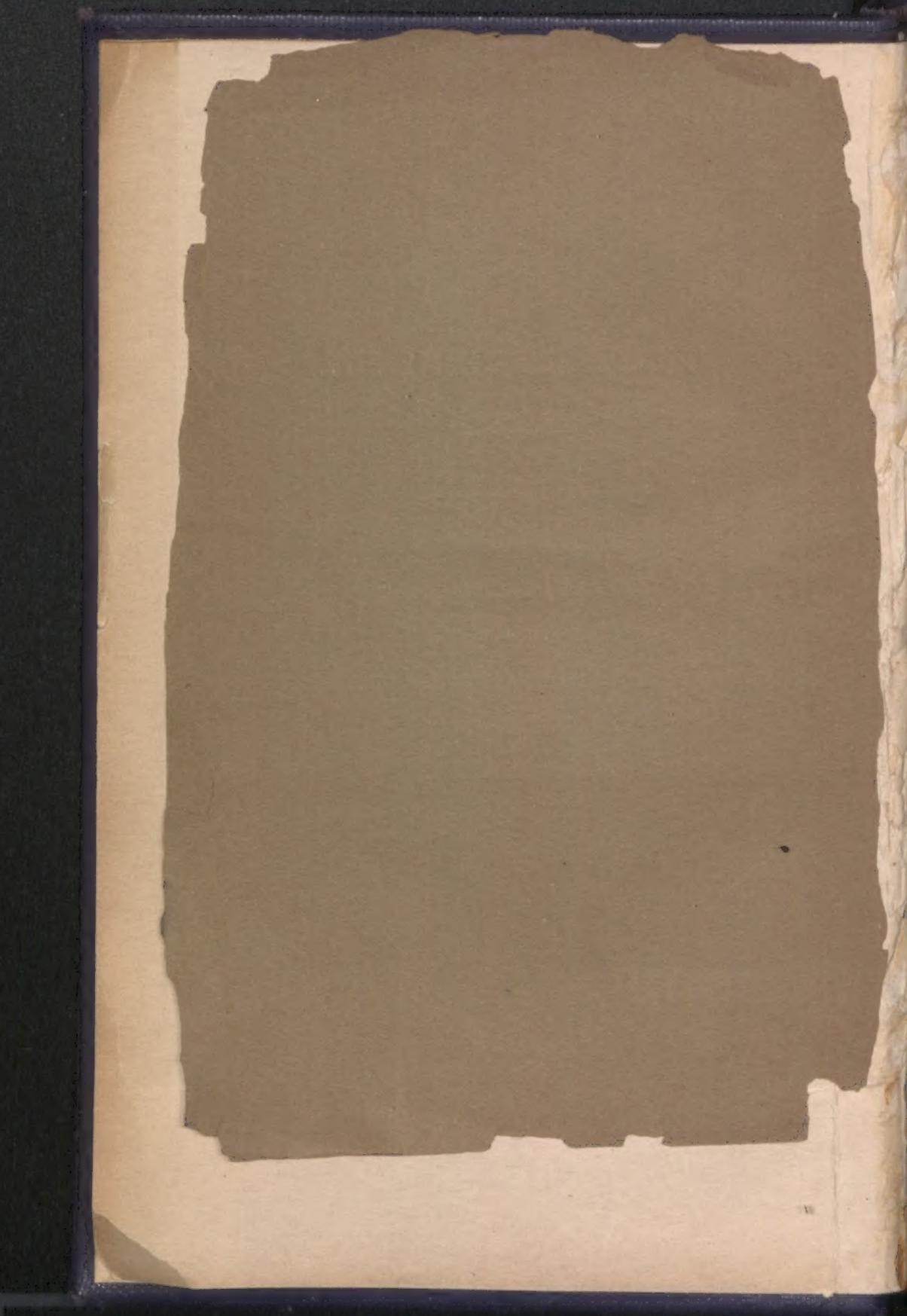
THE SCHOOL OF JURISPRUDENCE AND DIPLOMACY.

THE MEDICAL SCHOOL.

THE DENTAL SCHOOL.

WASHINGTON, D. C.

1894-1900



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THE COLUMBIAN UNIVERSITY.

CATALOGUE,

1899-1900.

ANNOUNCEMENTS,

1900-1901.



WASHINGTON, D. C.

JUDD & DETWEILER, PRINTERS.

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WASHINGTON, D. C.

1894-1900

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1900.

JANUARY.

S.	M.	T.	W.	T.	F.	S.
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JANUARY.

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CALENDAR.

1899.

Sept. 25, *Monday*.—Fall Examinations in Medical School and Dental School.

* Sept. 25-27, *Monday to Wednesday*.—Examinations for Admission to Columbian College.

Sept. 27, *Wednesday*.—Academic Year begins in Columbian College, Corcoran Scientific School, and School of Graduate Studies.

Oct. 2, *Monday*.—Academic Year begins in Law School, School of Comparative Jurisprudence and Diplomacy, Medical School, and Dental School.

Nov. 30-Dec. 2, *Thursday to Saturday*.—Thanksgiving recess.

RECESS FROM DECEMBER 25, 1899, TO JANUARY 1, 1900, INCLUSIVE.

1900.

Jan. 13, *Saturday*.—Annual Meeting of the General Association of Alumni.

Jan. 26, *Friday*.—Mid-year Examinations completed in Columbian College.

Jan. 27, *Saturday*.—Mid-year Examinations completed in Corcoran Scientific School.

Jan. 29, *Monday*.—Second Term begins in Columbian College and Corcoran Scientific School.

Feb. 22, *Thursday*.—Washington's Birthday ; a holiday.

March 14, *Wednesday*.—Davis Prize Speaking in Columbian College.

April 13, 14, *Friday, Saturday*.—Easter holidays.

May 9, *Wednesday*.—Examinations for Degrees completed in Columbian College, Corcoran Scientific School, and School of Graduate Studies.

* All dates inclusive.

CALENDAR.

v

1900.

- May 11, Friday.—Last day on which Theses may be presented to the Dean of the School of Graduate Studies.
- May 14, Monday.—Examinations completed in Medical School and Dental School.
- May 16, Wednesday.—Examinations for Degrees completed in Law School and School of Comparative Jurisprudence and Diplomacy.
- May 21, Monday.—Doctorate Disputation.
- May 27, Sunday.—Baccalaureate Sermon.
- May 28-30, Monday to Wednesday.—Examinations for Admission to Columbian College.
- May 29, Tuesday.—Final Examinations completed and session closed in Columbian College and Corcoran Scientific School.
- May 28, Monday.—Commencement of Medical and Dental Schools.
- May 29, Tuesday.—Commencement of Schools of Law.
- May 30, Wednesday.—Commencement of Columbian College, Corcoran Scientific School, and School of Graduate Studies.
- May 30, Wednesday.—Annual Meeting of the Board of Trustees.

SUMMER VACATION.

- Sept. 24, Monday.—Fall Examinations in Medical School and Dental School.
- Sept. 24-26, Monday to Wednesday.—Examinations for Admission to Columbian College.
- Sept. 26, Wednesday.—Academic Year begins in Columbian College, Corcoran Scientific School, and School of Graduate Studies.
- Oct. 1, Monday.—Academic Year begins in Law School, School of Comparative Jurisprudence and Diplomacy, Medical School, and Dental School.

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1900.

- Nov. 29-Dec. 1, *Thursday to Saturday*.—Thanksgiving recess.
Dec. 5, *Wednesday*.—Annual Meeting of the General Association
of Alumni.

RECESS FROM DECEMBER 24, 1900, TO JANUARY 1, 1901, INCLUSIVE.

1901.

- Jan. 25, *Friday*.—Mid-year Examinations completed in Colum-
bian College.
Jan. 26, *Saturday*.—Mid-year Examinations completed in Cor-
coran Scientific School.
Jan. 28, *Monday*.—Second Term begins in Columbian College
and Corcoran Scientific School.
Feb. 21, *Thursday*.—Davis Prize Speaking in Columbian Col-
lege.
Feb. 22, *Friday*.—Washington's Birthday; a holiday.
April 5, 6, *Friday, Saturday*.—Easter holidays.
May 8, *Wednesday*.—Examinations for Degrees completed in
Columbian College, Corcoran Scientific School,
and School of Graduate Studies.
May 11, *Saturday*.—Last day on which Theses may be presented
to the Dean of the School of Graduate Studies.
May 13, *Monday*.—Examinations completed in Medical School
and Dental School.
May 15, *Wednesday*.—Examinations for Degrees completed in
Law School and School of Comparative Juris-
prudence and Diplomacy.
May 20, *Monday*.—Doctorate Disputation.
May 26, *Sunday*.—Baccalaureate Sermon.
May 27-29, *Monday to Wednesday*.—Examinations for Admission
to Columbian College.
May 28, *Tuesday*.—Final Examinations completed and session
closed in Columbian College and Corcoran Sci-
entific School.

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1901.

- May 27, *Monday*.—Commencement of Medical and Dental Schools.
- May 28, *Tuesday*.—Commencement of Schools of Law.
- May 29, *Wednesday*.—Commencement of Columbian College, Corcoran Scientific School, and School of Graduate Studies.
- May 29, *Wednesday*.—Annual Meeting of the Board of Trustees.

EDUCATIONAL ADVANTAGES OF WASHINGTON.

The Columbian University has special educational advantages in virtue of its location at the National Capital. The spirit of nationalism in Washington, the close association with public men and public questions, constitute a humanizing influence of the greatest value in the development of the American scholar. To the undergraduate or graduate student of the arts and sciences, to the professional student in law, diplomacy, medicine, or dentistry, Washington furnishes opportunities and facilities for study unrivaled by any American city. Special libraries and large collections, illustrative of the various arts and sciences, have been accumulated by the action of Congress through a long series of years.

In view of the fact that in collecting such archives and materials it was the original purpose of the Government "to promote research and the diffusion of knowledge," the Congress of the United States has made these treasures accessible to students under the terms of the following joint resolution, approved April 12, 1892:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the facilities for research and illustration in the following and any other governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority

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as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

1. Of the Library of Congress.
2. Of the National Museum.
3. Of the Patent Office.
4. Of the Bureau of Education.
5. Of the Bureau of Ethnology.
6. Of the Army Medical Museum.
7. Of the Department of Agriculture.
8. Of the Fish Commission.
9. Of the Botanic Gardens.
10. Of the Coast and Geodetic Survey.
11. Of the Geological Survey.
12. Of the Naval Observatory."

To students of Law and of Diplomacy the peculiar advantages of Washington are manifest. The Supreme Court is in session from October to May, and on each Monday morning delivers opinions orally. Students may listen to these and thus keep in touch with the latest utterances of the greatest court. The Supreme Court Library is open to students, and the State Department, with its large library, affords facilities for the study of diplomacy. Congress is in session during the winter, and here the student sees the practical workings of the largest and most important legislative body, and listens to the discussion of matters touching interstate and foreign commerce and diplomatic relations. Here one comes into contact with the practical workings of the National Government in all its parts, and may secure the views and advice of practical men in all the great departments.

Many of the lecturers in the Schools of Law occupy the most important official positions in the gift of the nation and speak from a practical knowledge of the subjects they teach.

To students of Medicine and of Dentistry the facilities for study and research are no less remarkable. The Army Medical Museum, which is open for inspection daily, presents a field for study superior to any other institution of the kind, either in this country or in Europe. It has an unrivalled collection of anatomical

EDUCATIONAL ADVANTAGES OF WASHINGTON. ix

and pathological specimens, illustrating normal anatomy and the results of disease in every form, and an almost unlimited number of other preparations showing the effect of gunshot wounds and surgical injuries of every kind. It also contains almost numberless crania of every human nationality, by an examination of which the student can find many dentures of theoretical perfection, and observe the effect of civilization and race admixture upon the dental organs.

At the United States Patent Office models of every conceivable form of dental instruments may be daily inspected, thus affording to the student an invaluable opportunity for studying the mechanical contrivances used in dental practice.

In the National Museum is found the most complete and best arranged collection of *Materia Medica* in the world. The drugs are shown in all their processes of manufacture, from the original package to the delicate alkaloid constituting the active principle.

Of great interest also are the Government Botanical Gardens and the grounds of the Agricultural Department, where there are rare collections of medicinal plants, from which are derived many of the preparations of the *Materia Medica*.

Statesmen, jurists, diplomatists, and legislators are in Washington. Scientific investigations conducted by the Government attract the most eminent scientists. The directory of the Washington Academy of Sciences and Affiliated Societies shows for 1900 a membership of 1,965. The National Capital is a place of meeting for scientific associations and international congresses of all kinds. It is the one city where the student from any part of the country is sure to find a congenial environment.

WASHINGTON, D. C.

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Corcoran Scientific School: POWELL, MASON, MCKNEW.

School of Graduate Studies: GALLAUDET, GREENE, CURRY.

Law School: MATTINGLY, CURRY, LARNER.

School of Jurisprudence: MATTINGLY, DARLINGTON, NOYES.

Medical School: GREENE, WILSON, STAKELY.

Dental School: WILSON, GREENE, STAKELY.

Auditing: WILSON, MCKNEW, PARKER.

Endowment: LEVERING, WOODWARD, GALLAUDET, GREENE, MORGAN.

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M. D.

Dean of the Dental School, J. HALL LEWIS, D. D. S.

The University Council meets in committee on the second
Monday of each month at 4 o'clock p. m.

* Resigned March 31, 1900.

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1894-1900

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Editor of the University Catalogue.

WILLIAM ALLEN WILBUR.

ALUMNI ASSOCIATIONS.

ALUMNI ASSOCIATIONS.

An address-list of graduates is kept at the University Office, Secretary of the General Alumni Association. All Alumni are requested to send to him notices of changes in address and any other titles of all the 16,000 reference to graduates or former students of the University.

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H. T. A. LEMON, M. D.	W. N. COGAN, D. D. S.
TRACY L. JEFFORDS.	JOHN W. HOLCOMBE.

Secretary.

HOWARD L. HODGKINS.

Treasurer.

JOHN B. LARNER.

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JOHN JOY EDSON, Chairman.

HOWARD L. HODGKINS, Secretary.

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189 Montague Street, Brooklyn, N. Y.

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TRATION.

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* Resigned March 31, 1900.

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St. Elmo, Va.

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1612 Riggs Place

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GEORGE W. FOSTER, M. D., <i>Professor of Mental Diseases,</i>	St. Elizabeth's

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*Professor of Diplomacy and Treaties of the United States,
Duties of Ambassadors, Ministers, and Consuls, and of
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Cosmos Club

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*Curator of the Museum and Demonstrator of Pathological
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ROBERT E. L. HACKNEY, D. D. S.,

Demonstrator in Charge of Dental Infirmary,

1232 Thirteenth Street

JONATHAN R. HAGAN, D. D. S.,

Professor of Oral Surgery,

612 Thirteenth Street

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Junior Demonstrator of Pathology and Bacteriology,

1744 M Street

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Associate in Physical Diagnosis,

1133 Fourteenth Street

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1894-1900

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*Prosector to the Chair of Anatomy and Assistant
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804 Eleventh Street

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Professor of European Diplomacy and Treaties,

1313 K Street

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U. S. Naval Observatory

HOWARD LINCOLN HODGKINS, PH. D.,

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Lecturer on Jurisprudence of Canada,

Toronto, Ont.

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Registrar of the University,

The Columbian University

N. MONROE HOPKINS, B. S.,

Assistant in Chemistry,

1833 Jefferson Street

J. C. HORNBLOWER,

Professor of Architecture,

1509 H Street

WILLIAM WIRE HOWE, LL. D.,

*Professor of Ancient Law, of Roman Law, and of Medieval
and Modern Civil Law,*

New Orleans, La.

REV. ADONIRAM JUDSON HUNTINGTON, A. M., D. D.,

Dean of the Columbian College and Professor of Greek,

1010 N Street

In Huntington presented his resignation in September 1869, and it has been accepted, to take effect October 1, 1869. He graduated from the Columbian College in 1841, and was appointed Tutor in the College in the same year. With the exception of three years, he has been a member of the Faculty of the College until the present time, completing a service of forty-eight years.

CHARLES SUMNER HYDE, A. M.,

Instructor in German,

924 K Street

VIRGIL B. JACKSON, M. D.,

Assistant Demonstrator of Anatomy,

809 Thirteenth Street

HENRY L. E. JOHNSON, M. D.,

Professor of Gynaecology,

1402 L Street

OFFICERS OF INSTRUCTION AND ADMINISTRATION. xix

- HENRY W. JOHNSON, D. D. S.,
Demonstrator in Charge of Dental Infirmary. 1405 F Street
- JOSEPH FRENCH JOHNSON, A. B.,
Professor of Money, Credits, and Foreign Exchange.
Philadelphia, Pa.
- LINCOLN JOHNSON, M. D.,
Prosector to the Chair of Anatomy. 1208 K Street
- WILLIAM G. JOHNSON, LL. M.,
Professor of Common Law Practice. 1827 Sixteenth Street
- WILLIAM W. JOHNSTON, M. D.,
*Professor of Theory and Practice of Medicine and Professor
of Clinical Medicine.* 1603 K Street
- ALBERT FREEMAN AFRICANUS KING, A. M., M. D.,
*Professor of Obstetrics and the Diseases of Women and Children
and Dean Emeritus of the Medical School.* 1315 Massachusetts Avenue
- HARRY KING, LL. B.,
Emeritus Professor of Drawing. 1335 Q Street
- MARTIN A. KNAPP, LL. D.,
Professor of Interstate Commerce Law. The Portland
- THEODORE F. LAIST, B. S.,
Associate Professor of Architecture. 1926 N Street
- F. LAMSON-SCRIBNER, B. S.,
Professor of Botany. 1414 Hopkins Street
- ALBERT L. LAWRENCE, M. D.,
*Junior Demonstrator of Chemistry and Assistant Demonstrator
of Anatomy.* 1305 H Street
- FRANK LERCH, M. D.,
Demonstrator of Minor Surgery. 1715 Fourteenth Street
- JAMES HALL LEWIS, D. D. S.,
Dean of Dental School and Professor of Dental Prosthetics.
1023 Vermont Avenue
- THOMAS E. McARDLER, A. M., M. D.,
Professor of Minor Surgery. 1120 Sixteenth Street
- OSCAR A. M. MCKIMMIE, M. D.,
*Examiner of Applicants for Matriculation in the Medical
School.* 1216 Massachusetts Avenue

WASHINGTON, D. C.

1894-1900

GEORGE McLAUGHLIN, M. D.,

Assistant Demonstrator of Anatomy,

CHARLES EVERETT McNABB, LL. M.,

Instructor in Business Law,

913 Westminster Street

JULES MAILLET,

Assistant in French,

1640 Rhode Island Avenue

CHARLES FREDERICK MARVIN, M. E.,

Associate Professor of Meteorology,

1923 Thirteenth Street

OTIS TUFTON MASON, PH. D., LL. D.,

Lecturer on Anthropology,

1751 P Street

WILLIAM F. MATTLINGLY, A. M.,

Professor of Practical Commercial Law,

1616 H Street

WILLIAM A. MAURY, LL. D.,

*Professor of Common Law Pleading, of the Law of Evidence,
of the Jurisdiction and Practice of the Federal Courts, and
of Insurance,*

1767 Massachusetts Avenue

GEORGE P. MERRILL, PH. D.,

Professor of Geology and Mineralogy,

Cosmos Club

EMILE H. MEYER,

Instructor in Fine Arts,

1502 Nineteenth Street

FRANCIS P. MORGAN, M. D.,

*Assistant to the Chair of Materia Medica and Therapeutics, in
Charge of the Pharmacy Laboratory,*

1230 Ninth Street

EDWARD E. MORSE, M. D.,

Demonstrator of Obstetrics,

1521 I Street

EDWARD ADAMS MUIR, B. S.,

Assistant Professor of Drawing,

322 Ninth Street, N. E.

CHARLES EDWARD MUNROE, PH. D.,

Dean of the School of Graduate Studies and Professor of

Chemistry,

1729 Riggs Place

CHARLES W. NEEDHAM, LL. M.,

Dean of the School of Comparative Jurisprudence and Diplomacy, Professor of Common Law, Transportation, and Interstate Commerce Law, the History of Law, Trusts, and Trades Unions, and in Charge of the Most Court Work,

1631 Massachusetts Avenue

OFFICERS OF INSTRUCTION AND ADMINISTRATION. xxi

- HARRY T. NEWCOMB, LL. M.,
Instructor in Transportation, 1607 T Street
- JOHN B. NICHOLS, M. D.,
Demonstrator of Normal Histology, 2404 Fourteenth Street
- MISS A. G. ODELL,
Superintendent of the University Hospital, 1335 H Street
- W. F. R. PHILLIPS, M. D.,
Professor of Hygiene and Demonstrator of Anatomy, 1418 L Street
- JOSIAH PIERCE, JR., A. M.,
Professor of Applied Geometry, 1325 Massachusetts Avenue
- EDWARD B. POLLARD, PH. D.,
Professor of Biblical Literature, 1710 P Street
- HENDERSON PRESNELL,
Assistant Professor of Library Science, 112 Florida Avenue
- HENRY A. PRESSEY, B. S.,
Professor of Civil Engineering and Acting Professor of Applied Mathematics, 325 East Capitol Street
- W. EDWIN PRIEST,
Assistant Professor of History, 903 French Street
- MARATHON MONTROSE RAMSEY, A. M.,
Professor of Romance Languages, 2120 H Street
- WALTER REED, M. D.,
Professor of Pathology and Bacteriology, 5 Cooke Place
- FRED F. REISNER, E. E.,
Assistant in Physical Laboratory, 323 T Street
- CHARLES RUSSELL RICE, M. D., D. D. S.,
Demonstrator in Charge of Dental Infirmary, 57 K Street
- HERBERT LOUIS RICE, M. S.,
Professor of Astronomy, 2132 Thirty-fifth Street
- A. B. RICHARDSON, M. D.,
Clinical Professor of Mental Diseases, St. Elizabeth's
- CHARLES WILLIAMSON RICHARDSON, M. D.,
Professor of Laryngology and Otology, 1102 L Street

WASHINGTON, D. C.

1894-1900

EDWARD E. RICHARDSON, M. D.,

Assistant Demonstrator of Anatomy, 400 Third Street, S. W.

STERLING RUFFIN, M. D.,

*Professor of Materia Medica and Therapeutics and Clinical
Profession,* 1023 Vermont Avenue

RAYMOND SAYER,

Instructor in Perspective Drawing, 404 A Street, S. E.

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Professor of Modern Languages and of Continental History,
1337 Twenty-second Street

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*Dean of the Medical School and Professor of Chemistry and
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Professor of Orthopedic Surgery, 1328 New York Avenue

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Thirteenth and L Streets

SAMUEL MOORE SHUTE, A. M., D. D.,

Emeritus Professor of English, Kerfoot, Virginia

AINSWORTH R. SPOFFORD, LL. D.,

Professor of Library Science, 1621 Massachusetts Avenue

TIMOTHY W. STANTON, A. M., PH. D.,

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100 Seventh Street, N. E.

FRANCIS H. STEPHENS, LL. M.,

Instructor in Moral Court Work, 344 D Street

JAMES McBRIDE STERRETT, A. M., D. D.,

Professor of Intellectual and Moral Philosophy,
Pierce Mill Road, D. C.

T. RITCHIE STONE, M. D.,

Clinical Professor of Genito-Urinary Diseases, 1345 F Street

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Assistant in Chemistry, 316 Delaware Avenue, N. E.

OFFICERS OF INSTRUCTION AND ADMINISTRATION xxiii

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Lecturer on Jurisprudence of France and of Spain,
Cambridge, Mass.

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Professor of History and Political Science, 1702 L Street

EDMUND LEE TOMPKINS, M. D.,

Professor of Nervous Diseases, 1512 Q Street

HENRY CLAY THOMPSON, D. D. S.,

Professor of Operative Dentistry, 118 E Street

J. FORD THOMPSON, M. D.,

Professor of Surgery, 804 Seventeenth Street

ERNEST LAWTON THURSTON, C. E.,

Professor of Drawing, 1508 Kenesaw Avenue

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Assistant Demonstrator of Anatomy, 516 Tenth Street

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Demonstrator in Charge of Dental Infirmary,
612 Thirteenth Street

MAYVILLE W. TWITCHELL, B. S.,

Assistant in Geology, 809 Twenty-first Street

NORMAN UNDERWOOD,

Student-Assistant in Chemistry, 1407 Tenth Street

WILLIS VAN DEVANTER,

Professor of Equity Pleading and Practice,
2108 Wyoming Avenue

JOHN VAN RENSSELAER, A. B., M. D.,

*Professor of Surgical Pathology and Professor of Clinical
Surgery,* 2 Thomas Circle

WILLIAM K. WARD, M. D.,

Resident Physician of the University Hospital,
1756 Pennsylvania Avenue

WILLIAM S. WASHBURN, M. D.,

Professor of Normal Histology, 1223 M Street

R. WASHINGTON, M. D.,

Assistant Demonstrator of Anatomy.

WASHINGTON, D. C.

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JOHN R. WELLINGTON, A. M., M. D.
Demonstrator of Minor Surgery,

1335 N Street

MAX WEST, PH. D.,
Associate Professor of Economics,

2217 Fifteenth Street

CARELL WHITEHEAD, PH. D.,
Lecturer on Metallurgy,

1102 N Street

WILLIAM ALLEN WILBUR, A. M.,
Professor of English,

1819 Riggs Place

HARVEY WASHINGTON WILEY, PH. D., M. D.,
Professor of Agricultural Chemistry,

1314 Tenth Street

THOMAS A. WILLIAMS, A. M.,
Assistant Professor of Botany,

Takoma Park

WILLIAM P. WILSON, SC. D.,
Professor of International Trade and Commercial Geography,
 Philadelphia, Pa.

FRANK A. WOLFF, JR., PH. D.,

Professor of Physics and Electrical Engineering,

1419 R Street

SAMUEL WALTER WOODWARD,
Treasurer,

2015 Wyoming Avenue

CARROLL D. WRIGHT, LL. D.,
Professor of Statistics and Economics, 1345 Vermont Avenue

HENRY C. YARROW, M. D.,
Professor of Dermatology

814 Seventeenth Street

JANITORS.

WALTER L. LEWIS, University Hall.

RIXON T. HARRIS, University Hall.

RICHARD A. HAWKINS, University Hall.

WALTER HONESTY, Medical School.

ROBERT HAMILTON, Medical School.

HEZEKIAH RANDOLPH, Law Lecture Hall.

JOHN STEWART, The University Hospital.

THE COLUMBIAN COLLEGE.

THE FACULTY.

* REV. BENAIAH L. WHITMAN, D. D., LL. D.,
President.

REV. SAMUEL H. GREENE, D. D., LL. D.,
President pro tempore.

REV. ADONIRAM J. HUNTINGTON, D. D.,
Dean,
Professor of Greek.

REV. SAMUEL M. SHUTE, D. D.,
Emeritus Professor of English.

JAMES HOWARD GORE, PH. D.,
Professor of Mathematics and Secretary of the Faculty.

HOWARD L. HODGKINS, PH. D.,
Professor of Physics

REV. JAMES MACBRIDE STERRETT, D. D.,
Professor of Intellectual and Moral Philosophy.

CHARLES E. MUNROE, PH. D.,
Professor of Chemistry.

HERMANN SCHOENFELD, PH. D.,
Professor of Modern Languages.

EDWARD B. POLLARD, PH. D.,
Professor of Biblical Literature.

* Resigned March 31, 1896.

WASHINGTON, D. C.

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MARATHON MONTROSE RAMSEY, A. M.,
Professor of Romance Languages.

CHARLES C. SWISHER, PH. D.,
Professor of History and Political Science.

WILLIAM ALLEN WILBUR, A. M.,
Professor of English.

MITCHELL CARROLL, PH. D.,
Professor of Greek and Latin.

* _____,
Instructor in Greek and Latin.

* _____,
Instructor in Modern Languages.

MEMBERS OF THE FACULTY OF THE CORCORAN SCIENTIFIC
SCHOOL OFFERING COURSES OPEN TO COLLEGE STUDENTS.

GEORGE P. MERRILL, PH. D.,
Professor of Geology and Mineralogy.

F. LAMSON-SCRIBNER, B. S.,
Professor of Botany.

HERBERT L. RICE, M. S.,
Professor of Astronomy.

PAUL BARTSCH, B. S.,
Instructor in Botany.

*Appointments to be made by September, 1909.

STANDING COMMITTEES OF THE FACULTY.

Committee on Admission of Students.

Professors WILBUR, POLLARD, and SWISHER.

Committee on Degrees.

Professors GORE, HODGKINS, and WILBUR.

Committee on the Library.

Professors MUNROE, RAMSEY, and SCHOENEFIELD.

COURSES OF INSTRUCTION.

The regular courses of instruction are comprised in eleven departments, as follows:

I. BIBLICAL LITERATURE.

II. CHEMISTRY: General, Inorganic and Organic Chemistry, Laboratory Practice, Qualitative and Quantitative Analysis

III. ENGLISH: The English Language and Literature, Rhetoric and Composition.

IV. GERMANIC LANGUAGE AND LITERATURE.

V. GREEK: The Greek Language and Literature.

VI. HISTORY AND POLITICAL SCIENCE.

VII. LATIN: The Latin Language and Literature.

VIII. MATHEMATICS: Pure Mathematics and Mechanics.

IX. PHILOSOPHY.

X. PHYSICS.

XI. ROMANCE LANGUAGES: The French Language and Literature and the Spanish Language and Literature.

THE CORCORAN SCIENTIFIC SCHOOL offers courses in Astronomy, Botany, Geology and Mineralogy, and Zoölogy, which are open to College students.

WASHINGTON, D. C.

1894-1900

SCHEDULE OF RECITATIONS FOR THE SESSION OF 1900-1901.

Assignments for classes not scheduled will be made upon application.

THE COLUMBIAN COLLEGE.

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WEEKS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
101111	11:55-12:55 German 12:55-1:55 Latin 1:55-2:55 Psychology	11:55-12:55 Mathematics 12:55-1:55 French 1:55-2:55 Greek 2:55-3:55 Physics 3:55-4:55 Biblical Literature	11:55-12:55 Psychology 12:55-1:55 Mathematics 1:55-2:55 French 2:55-3:55 Biblical Literature	11:55-12:55 German 12:55-1:55 Latin 1:55-2:55 Psychology 2:55-3:55 Biblical Literature	11:55-12:55 Biblical Literature 12:55-1:55 German 1:55-2:55 Psychology 2:55-3:55 Biblical Literature
101112	1:55-2:55 History 2:55-3:55 English 3:55-4:55 Mathematics	1:55-2:55 History 2:55-3:55 English 3:55-4:55 Chemical Laboratory	1:55-2:55 History 2:55-3:55 English 3:55-4:55 Chemical Laboratory	1:55-2:55 History 2:55-3:55 English 3:55-4:55 Chemical Laboratory	1:55-2:55 History 2:55-3:55 English 3:55-4:55 Chemical Laboratory
101113	1:55-2:55 Ethics 2:55-3:55 Mathematics 3:55-4:55 Latin	1:55-2:55 Ethics 2:55-3:55 Mathematics 3:55-4:55 Latin	1:55-2:55 Ethics 2:55-3:55 Mathematics 3:55-4:55 Latin	1:55-2:55 Ethics 2:55-3:55 Mathematics 3:55-4:55 Latin	1:55-2:55 Ethics 2:55-3:55 Mathematics 3:55-4:55 Latin
101114	1:55-2:55 Biblical Literature 2:55-3:55 Spanish	1:55-2:55 Biblical Literature 2:55-3:55 Spanish	1:55-2:55 Biblical Literature 2:55-3:55 Spanish	1:55-2:55 Biblical Literature 2:55-3:55 Spanish	1:55-2:55 Biblical Literature 2:55-3:55 Spanish
101115	1:55-2:55 Chemistry 2:55-3:55 Biology	1:55-2:55 Chemistry 2:55-3:55 Biology	1:55-2:55 Chemistry 2:55-3:55 Biology	1:55-2:55 Chemistry 2:55-3:55 Biology	1:55-2:55 Chemistry 2:55-3:55 Biology

WASHINGTON, D. C.

1894-1900

I.—BIBLICAL LITERATURE.

PROFESSOR POLLARD.

In this department the history, the contents, and literary forms of the Old and New Testaments are taught. The aim is not theological or dogmatic, but literary and historical, the student being guided into correct methods of Bible study and enabled to realize the cultural value of the Biblical classics.

The following courses were offered for the session 1899-1900:

1.3-4.* Hebrew Law and Hebrew Prophecy. A study of the national and religious ideals of Israel. † Two hours.

2.3-4. The Hebrew Poetry and the Wisdom Literature. Study in the Psalms and the writings of the "Wise Men" of Israel. Two hours.

3.3-4. History of the Hebrew People—studied in the light of modern excavation and research. One hour.

4.3-4. History of New Testament Times, especially dealing with the life of Jesus and of Paul. Two hours.

5.3-4. The History of the English Bible and its influence upon English life and letters. One hour.

6.3-4. New Testament Greek. Readings in the Gospels and Epistles, with reference not only to their contents, but also to the Hebraic influence upon the language, and the divergences of the Hellenistic Greek from classic usage. A working knowledge of classic Greek is presupposed.

7.3-4. The Hebrew Language. A study of Hebrew Grammar, and selected readings from the Hebrew Bible. Two hours.

(These courses will not be offered in 1900-1901.)

* Decimals indicate the year in which the course is taken. Freshman, .1; Sophomore, .2; Junior, .3; Senior, .4. Courses open to Juniors and Seniors, .3-4.

† Unless otherwise stated, hours per week throughout the year.

II.—CHEMISTRY.

PROFESSOR MUNROE.

MR. UNDERWOOD, Student-Assistant.

21.1-2. General, Inorganic and Organic Chemistry: lectures and recitations. Students are required to work out problems and exercises in the preparation hours preceding lectures. Three hours.

Barker's Elementary Chemistry; Remsen's Organic Chemistry.

22.1-2. Laboratory Practice: a laboratory course for the study of the principles of chemistry and the methods of conducting chemical experiments. Two periods.

Cooke's Laboratory Practice.

23.2. Preparation of and Study of the Properties of Chemical Substances. Three periods.

Thorpe's Inorganic Chemical Preparations; Appleton's Easy Experiments of Organic Chemistry.

24.3. Qualitative Analysis. Three periods.

Newth's Manual of Chemical Analysis.

25.4. Quantitative Analysis. Three periods.

Newth's Manual of Chemical Analysis.

Students must provide themselves in all the laboratory courses with note-books, towels, and the necessary equipment for work. Apparatus and material are supplied by the University.

III.—ENGLISH.

PROFESSOR WILBUR.

Courses of study in the department of English are classified, according to their distinctive character, as either rhetorical or literary. The purpose of the first group of studies is (1) to discover by analysis principles of style; (2) to form by constant practice a style based on these principles; (3) to trace the evo-

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1894-1900

lution of a standard of writing by a study of prose masterpieces from Elizabeth's time to the present. The purpose of the second group of studies is to give the student acquaintance with the great representative writers, and to cultivate power of appreciation and refinement of taste by a study of the best literature.

Rhetoric and Composition.

41.1. Practical Rhetoric. Rhetorical analysis and composition. (Text-books, *Practical Elements of Rhetoric*, Genuing; *Hand-book of Rhetorical Analysis*, Genuing.) This course presupposes a knowledge of the elements of rhetoric. Two objects are contemplated: (1) a verification of rhetorical theories by the analysis of selections from the best writers, with definite, practical deductions to guide in criticism and composition; (2) the application of rhetorical rules in paragraph and theme writing. Two hours.

42.2. English Prose. A critical study of representative prose works in chronological order from the time of Elizabeth, tracing the development of prose style and literature. Three hours.

43.3. English Composition. (Text-book, Wendell's *English Composition*.) Practice in various forms of discourse and studies in criticism. This is an advanced course in English composition. Essays are written weekly. These are exchanged, and the hour is used in writing criticisms upon them. Essays and criticisms are finally revised and returned. One hour.

Lectures and Literature.

44.1. The Literature of England. A lecture course, historical and critical. Members of the class will read Taine's *History of English Literature* and make a special study of some period. One hour.

45.3. Spenser and Milton. A comparative study of Elizabethan and Puritan poetry. Three hours, first term. *Not offered in 1900-1901.*

46.3. The Literature of America. Lectures in history and criticism; discussions and papers on representative men and books. Two hours, second term.

47.3. The English Novel. Development of the novel, with critical studies of selected works. Two hours, first term. *Not offered in 1899-1900.*

48.4. Shakespeare. Selected plays studied comparatively. Moulton's *Shakespeare as a Dramatic Artist* is used. The *Temple Shakespeare* is recommended. Two hours.

49.3-4. Old English. Elementary course. (Text-books, *First Book in Old English*, Cook; *Exercises in Old English*, Cook.) The essentials of the grammar and the reading of Old English texts. Two hours.

IV.—GERMANIC LANGUAGE AND LITERATURE.

PROFESSOR SCHOENFELD.

Instruction in this department has, as its primary object, a thorough knowledge of the grammar and familiarity with the literature and history, with such practice in conversation as shall serve as a stimulus in the furtherance of this object.

German grammar is studied during the first three years of the course, with its principles illustrated from the class readings and written exercises.

61.1. The deeper aspects of grammar; accurate training in phonetics and translation into German; conversation; readings from the best German prosaists and poets. Three hours.

62.2. Advanced course in German syntax; extensive translation into German; selected advanced prose; classical reading and literature; elements of German history. Three hours.

63.3. Study of the principal difficulties of the language; idioms, synonyms (Sanders' *Hauptschwierigkeiten der deutschen Sprache*); German essays; literature of the second German Blüteperiode; German history and science (Humboldt's *Kosmos*); extensive reading from the classics. Three hours.

64.4. Elements of philology; survey of German literature and its relation to the other Germanic peoples; history of the old

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and the new German Empire; extensive classical reading; introduction into the *Nibelungen Lied* and the *Gudrun Sagta*; selected poems of Walther von der Vogelweide. Three hours.

Elementary German. —For those students who have not fulfilled the entrance conditions in German, a preliminary course (not counting toward a degree) will be given in elementary grammar, narrative prose, and such poetry as is usually found in a First Reader. Special stress will be laid on exercises in composition. Three hours.

V.—GREEK.

PROFESSOR HUNTINGTON.

In this department instruction is given in the Greek Language and Literature. The following books are used as text-books: Goodwin's and Hadley's Greek Grammars, and Allinson's Greek Prose Composition.

Lectures are given to the higher classes on Greek Literature.

Frequent exercises are assigned to the classes in rendering English into Greek, and especially English translations from Greek authors.

Liddell and Scott's Greek Lexicon, Kuhner's Greek Grammar, Goodwin's Greek Moods and Tenses, Findlay's or Long's or Ginn and Co.'s Classical Atlas, Smith's Greek and Roman Antiquities, and Smith's, Grote's, and Curtius' Histories of Greece are recommended to students in all the classes.

81.1. Homer; Herodotus. Three hours.

82.2 Xenophon (*Memorabilia*); Lucian. Three hours, first term.

83.2. Isocrates and Lucian. Three hours, second term.

84.3. Sophocles, Euripides, Thucydides, and Demosthenes. Three hours.

85.4. Plato and Eschylus, or Aristophanes. Two hours.

VI.—HISTORY AND POLITICAL SCIENCE.

PROFESSOR SWISHER.

The required work in History is in the Sophomore year, and it embraces a careful survey of the more important facts of Mediæval History in their relation of cause and effect. It is designed almost exclusively as a preparation for the fuller election of the two following years, in which it is sought to afford students the training in History necessary to an intelligent discharge of the duties of citizenship, the prosecution of political or professional studies, or the work of investigation and research in the School of Graduate Studies. The work is conducted by means of text-books, lectures, reading, and reports, in all of which it is sought to familiarize the student with original sources.

European History.

- 101.2. Mediæval History. Three hours, first term.
102.2. Renaissance and Protestant Reformation. Three hours, second term.
103.3. Rise and Fall of French Ascendancy. Three hours, first term.
104.3. French Revolution and Napoleonic Wars. Three hours, second term.
105.4. Political History of Europe, from Congress of Vienna to that of Berlin. Three hours, first term.
106.4. Present Political Situation in Europe. Three hours, second term.

*English History.**

- 107.3-4. English History through the Revolution of 1688. Three hours, first term.
108.3-4. The British Empire—Development and Expansion after the Treaty of Utrecht. Three hours, second term.

* Given in alternate years.

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109.3-4. English Constitutional History. Two hours, one term.

*American History.**

110.3-4. Colonial and Revolutionary Periods to the Adoption of the Federal Constitution. Three hours, first term.

111.3-4. Political Development of the Nation from the Adoption of the Constitution to the Present Time. Three hours, second term.

112.3-4. American Constitutional History. Two hours, one term.

Political Science.

115.3-4. (a) A study of the nature and development of Political Institutions.

(b) A comparative study of Modern Governmental Institutions, especially those of the United States, England, France, Germany, and Switzerland; conducted with text-book lectures and reports. Two hours, first term.

116.3-4. A study of some Modern Questions of International Politics—*e. g.*, the Eastern Question, the African Question, England in Egypt, and the Far East. Lectures. Two hours, second term.

VII.—LATIN.

PROFESSOR CARROLL.

The instruction in this department has in view (1) as thorough knowledge as possible of the idiomatic forms and syntactical relations of the Latin Language; (2) an appreciation of the genius of the Roman people as set forth in their literature. The former is sought through careful translation into English at each recitation, and one exercise each week in Latin Prose; the latter through informal lectures, suggested by the text under discussion, on the origin and development of the different branches of literature, and on social and political life.

* Given in alternate years.

The following courses, subject to slight changes, are given:

121.1. Cicero (*De Senectute* or *De Amicitia*, Horace (*Odes*), Three hours, first term.

122.1. Pliny (*Selected Letters*); Livy (Books I and II or XXI and XXII). Three hours, second term.

123.2. Horace (*Satires* and *Epistles*). Three hours, first term.

124.2. Tacitus (*Agricola*), Cicero (*Selected Letters*). Three hours, second term.

125.3. Tacitus (*Germania* and *Annals* I and II). Three hours, first term.

126.3. Juvenal, Cicero (*De Oratore*). Three hours, second term.

127.4. Quintilian (Book X), Plautus (*Captivi*), Terence (*Phormio*). Primer of Roman Literature. Three hours, first term.

128.4. Lucretius (Book I), Catullus, Vergil. Selections studied from literary standpoint. Three hours, second term.

Prose Composition in each course.

VIII.—MATHEMATICS.

PROFESSOR GORE.

In this department instruction is offered in twelve courses.

141.1. Solid Geometry: Gore's Plane and Solid Geometry. Three hours, for two months.

142.1. Algebra, including Determinants: Taylor's Algebra. Three hours, for three months.

143.1. Plane Trigonometry: Wells' Trigonometry. Three hours, for two months.

144.2. Spherical Trigonometry: Wells' Trigonometry. Three hours, for two months.

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145.2. Analytic Geometry; Nichols' Analytic Geometry. Three hours, for four months.

146.2. Theory of Equations; Chapman's Theory of Equations. Three hours, for two months.

147.3. Differential and Integral Calculus, Taylor. Three hours, for five months.

148.3. Differential Equations; lectures, notes by the professor. Three hours, for three months.

149.4. Theory of the Complex Variable; lectures with references to Durège and Forsyth. Two hours, for one term.

150.4. Elliptic Functions, Baker. Two hours, for one term.

In all of the above courses the text is supplemented by lectures and the principles emphasized by proposing for solution a large number of problems taken from the best European and American authorities.

While the disciplinary value of the study of mathematics is never lost sight of, the importance of its practical application is insisted upon.

Optional Courses.

151.4. Analytical Mechanics. One hour.

152.4. Theory of Probabilities, with Applications to Least Squares; Lectures, notes by the professor. One hour.

IX.—PHILOSOPHY.

PROFESSOR STERRETT.

The special studies in this department are pursued in the two upper classes.

161.3. Logic. Jevons-Hill, *Elements of Logic*, is used as a textbook. One hour.

162.3. Psychology. The first term is given to the study of Psychology, the aim being to make this work a preparation for

an intelligent study of Ethics and Philosophy. A careful study is made of the phenomena of intellect, feeling, and will as organic processes of the man developing into conscious universal relations.

Dewey and Harris are used as hand-books, with lectures, themes, and constant reference to the leading works on Psychology. Three hours, first term.

163.3. History of Philosophy. The second term is given to (1) the study of one or more of the chief epochs in the history of philosophy; the course of lectures is given with required study of text books—Schwegler and Weber; (2) the statement and discussion of the fundamental problems of philosophy. Three hours, second term.

164.4. Ethical Theories—historical course. The Senior Class spends the first half of the year in the study of the chief ethical theories. The members of the class are required to study the text of Aristotle, Kant, Mill, and Spence, and to hand in well-prepared abstracts of their systems. The class-room work is devoted to a critical exposition of these and other theories by means of lectures and discussions. Three hours, first term.

165.4. Theory of Ethics. A critical and constructive theory of ethics. McKenzie's *Manual of Ethics* and Dewey's *Outlines of Ethics* are put into the hands of the students for use. Three hours, second term.

A course of lectures is also given on the fundamental postulates, concepts, and principles of Christian Ethics.

This is followed by a six weeks' course on the Philosophy of History, or with course on Philosophy of Education.

An opportunity is given the students for Seminary work in either Ethics or Philosophy (one hour a week, in the afternoon), and for attendance on the course of papers and discussions before *The Society for Philosophical Inquiry*, meeting at the University every Tuesday afternoon. The program of the Society for the current year is *a critical study of the fundamental concepts and theories of modern physical science*.

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Courses—Alternate and Elective.

166. Experimental Psychology. Lectures, with study of the method, scope, and most general results of Experimental Psychology. One hour, first term.

167. History of Ancient Philosophy. Lectures, with study of some of the text, and Zeller's History. Three hours, second term.

168. History of Modern Philosophy, alternating with (167) Lectures, with study of text of several systems and with reference to Falkenburg and Windelband. Three hours, second term.

169. Pedagogies. Lectures and text-book study of the History and Philosophy of Education. *Pante and Rosenkranz.* Elective. One hour, second term.

170. The Metaphysics of Ethics. Study of Green's *Prolegomenon to Ethics.* One hour, second term.

Political Economy.

175.4. Political Economy, using Marshall's *Economics of Industry* as a text-book, supplemented with studies in socialism, the labor question, and other current economic and social problems. Three hours.

X.—PHYSICS.

PROFESSOR HODGKINS.

181.1-2. A recitation and lecture course on General Physics, embracing the fundamental principles of Mechanics, Sound, Heat, Light, and Electricity. The lectures are illustrated by experiments, and are based on Gage's Principles of Physics. Three hours.

182.2. An advanced course on General Physics. This is a theoretical and mathematical course, and it requires a thorough acquaintance with the phenomena of Physics. Three hours.

183.3. A course in Laboratory Physics. This course is designed both to familiarize the student with the ordinary methods of exact experimentation and to extend the knowledge of

the principles of Physics as gained in course 181. Lectures on physical theories and on laboratory methods are given from time to time. Topics for study and discussion are assigned to the whole class, and to different members of the class are assigned subjects upon which to prepare special reports. Three periods.

184.3.4. A lecture and laboratory course in Magnetism and Electricity. Three periods.

185.3.4. Light. A lecture and laboratory course, based on Preston's Theory of Light. Three periods.

186.3.4. Heat. A lecture and laboratory course, based on Preston's Theory of Heat. Three periods.

XI.—ROMANCE LANGUAGES.

PROFESSOR RAMSEY.

French Language and Literature

221.4. The class undergoes a thorough drill in pronunciation and becomes familiar with spoken French, as from the outset a large part of the instruction is given in that language. In the study of the grammar especial stress is laid upon acquiring a readiness in applying the principles learned, and to this end graded exercises are rendered, both orally and in writing, into French. During the last term the students prepare exercises based upon portions of the works read in class. Three hours.

Text-books: Whitney's Practical French Grammar; François, Exercises in French Prose Composition; Heinequin's Lessons in Idiomatic French; Edmond About, *Le Roudes Montagnes*; Labiche and Delacour, *Les Petits Osseaux*.

222.2. The first term is devoted mainly to a review of the grammar, with abundant exercises in both oral and written translation. During the remainder of the year the syntax is carefully studied and a systematic effort is made to increase the student's vocabulary. The results attained are at once put to use in the form of brief compositions. Three hours.

Text-books: Bevier's French Grammar; Chardenal's French Exercises for Advanced Pupils; Roulier's Second Book of French

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Composition: Augier, *La Pierre de Touché*; Flaubert, *Le Roman d'un Jeune Homme Pauvre*; Sandau, *Mme. de la Seiglière*.

223.3. The work during this year is intended to give the class a familiarity with the principal events of the literary history of France and of the biography of the leading French writers. Doumic's *Histoire de la Littérature Française* is used as a syllabus, which is largely supplemented by lectures and by the individual investigations of the students. Incidentally, the class is instructed in the broader principles of rhetoric and style. During the year the students read and summarize (outside of class hours) some twenty representative works of the Mediæval and Classic periods. (These works are furnished from the French Seminar Library.) Three hours.

Text-books: René Doumic, *Histoire de la Littérature Française*; original works as above.

224.4. The study of the literature is continued in this year largely by the reading of original works and French criticisms thereof, the students preparing digests and reviews of the works that pass under their notice, to be discussed in class. The period since the French Revolution constitutes the special field of study, and the texts read are therefore selected from the representative works of the present century. (These are furnished from the French Seminar Library.) Three hours.

Text-books: Pellissier, *Mouvement Littéraire au XIX^e siècle*; original works as above.

Elementary French.—Elementary instruction (not counting toward a degree) is now provided for students not meeting the entrance requirements. Two hours.

Text-books: Chardenal's Complete French Course; Collet's French Conversation.

Spanish Language and Literature.

(Requirements for admission: Latin, 121, 122; French, 221, 222.)

231.3-4. The study of the language is taken up at the first elements, especial stress being laid upon the acquisition of a correct pronunciation. The principles of the grammar and syntax are studied and enforced by the translation of exercises into Spanish. The class is familiarized from the outset with the spoken lan-

guage by means of descriptive talks upon simple topics, and later by its use as the medium of instruction. Three hours.

Text-books: Ramsey's Text Book of Modern Spanish, Elementary Spanish Reader, and Spanish Prose Composition.

DEPARTMENTS IN THE CORCORAN SCIENTIFIC SCHOOL OPEN TO
COLLEGE STUDENTS.

Astronomy (see page 61).

Botany (see page 62).

Geology and Mineralogy (see page 71).

Zoology (see page 90).

ADMISSION.

The College is open to young men and young women.

The session of 1900-1901 begins September 26, 1900.

Every applicant for admission is required to present a testimonial of good moral character, and also a certificate of standing and regular dismissal from the school or college which he has attended or from the tutor with whom he has studied.

I.

Admission to Courses Leading to Degrees.

Candidates for admission to the Freshman Class are examined in certain required books and subjects. Certificates, in lieu of any or all examinations, will be accepted (1) from schools whose work is attested by well-prepared students admitted to the College in previous years, and (2) from schools desiring coöperation with the College, that present evidence of affording adequate preparation in the required books and subjects. The chairman of the Committee on Admission of Students will, on application, furnish certificate blanks to the principals of such accredited schools.

The regular examination for admission to the Freshman Class is held in University Hall, southeast corner of Fifteenth and H streets, N. W., in May, 1900. A second examination is held at the beginning of the college year, in September. The following is the schedule for both examinations:

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ORDER OF MAY EXAMINATIONS.

Monday, May 28, 1900.

[Registration of applicants in room 25.....	8.30- 9.00]
Latin.....	9.00- 11.00
Plane Geometry; Solid Geometry.....	11.00- 1.00
Algebra (a); Algebra (b).....	2.00- 4.00

Tuesday, May 29.

Greek; Physics; Chemistry.....	9.00- 11.00
History.....	11.00- 1.00
German	2.00- 4.00

Wednesday, May 30.

Plane Trigonometry.....	9.00- 11.00
French.....	11.00- 1.00
English	2.00- 4.00

ORDER OF SEPTEMBER EXAMINATIONS.

Monday, September 24, 1900.

[Registration of applicants in room 25.....	8.30- 9.00]
Latin	9.00- 11.00
Plane Geometry; Solid Geometry.....	11.00- 1.00
Algebra (a); Algebra (b).....	2.00- 4.00

Tuesday, September 25.

Greek; Physics; Chemistry.....	9.00- 11.00
History	11.00- 1.00
German	2.00- 4.00

Wednesday, September 26.

Plane Trigonometry	11.00- 1.00
French	1.30- 3.30
English	3.30- 5.30

The College is prepared to appoint examinations in any city, or at any school where the number of applicants or the distance from Washington may warrant it. Correspondence on this subject should be addressed to the Dean of the College.

Unless admitted by certificate, every undergraduate candidate for a degree is required to pass an examination.

Candidates for admission to the course leading to the degree of Bachelor of Arts are examined in English, Greek, Latin, Greek and Roman History, French or German, Algebra (*a*) and Plane Geometry.

Candidates for admission to the course leading to the degree of Bachelor of Science are examined in English, Algebra (*a*, *b*), Plane Geometry, Solid Geometry, Plane Trigonometry, Physics or Chemistry, English and American History (or Greek and Roman), and in two of the following languages: French, German, Latin.

Requirements for admission to the several departments are as follows:

English.

Candidates are expected to be familiar with the elements of Rhetoric, and no candidate will be accepted whose work is obviously defective in spelling, punctuation, idiom, or division into paragraphs.

The examination in English consists of two parts, one to test general reading, the other to show the results of more careful study and practice.

1. *Reading and Practice.*—The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is to test the candidate's power of clear and accurate expression. In place of a part or the whole of this test, the candidate may be allowed to present an exercise-book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

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The books set for this part of the examination are:

In 1900: Dryden's Palamon and Arcite; Pope's Iliad, Books i, vi, xxii, and xxiv; Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; De Quincey's *The Flight of a Tartar Tribe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*.

In 1901: George Eliot's *Silas Marner*; Pope's Translation of the Iliad, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; Shakespeare's *The Merchant of Venice*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Coleridge's *The Rime of the Ancient Mariner*.

In 1902: George Eliot's *Silas Marner*; Pope's Translation of the Iliad, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; Shakespeare's *The Merchant of Venice*; Cooper's *The Last of the Mohican's*; Tennyson's *The Princess*; Coleridge's *The Rime of the Ancient Mariner*.

2. *Study and Practice*.—This part of the examination requires a more careful study of each of the works named.

It involves knowledge of the subject-matter, literary form, grammatical and logical structure.

The books set for this part of the examination are:

In 1900: Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books i and ii; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

In 1901: Shakespeare's *Macbeth*; Milton's *L'Allegro, Il Penseroso, Comus, and Lycidas*; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

In 1902: Shakespeare's *Macbeth*; Milton's *L'Allegro, Il Penseroso, Comus, and Lycidas*; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

Greek.

1. Goodwin's or Hadley's Greek Grammar.

2. Goodwin's Greek Reader or Xenophon's *Anabasis*, Books 1-4.

3. First three books of Homer's *Iliad*.

4. Jones' Greek Prose Composition.

5. Greek History. (See under Admission in History.)

Applicants for admission to the Freshman Class are expected to be thoroughly acquainted with all the principal topics of the Greek Grammar of Goodwin or of Allen's Hadley, including the Derivation and Composition of Words, Accent, and the elements of Prosody, especially the construction of Dactylic Hexameter.

They will be required to translate into good English two or three passages of the prescribed portions of Homer, and also of Xenophon, and to show a familiarity with the grammatical forms and constructions included, or with others which might be used instead.

They will also be expected to translate at sight selections from one of the other books of the Iliad and of the Anabasis.

Also to translate English sentences in connected discourse into idiomatic Greek, with the proper accents and with the mention of other construction which might be used.

Latin.

Candidates are expected to have taken a systematic course in Latin, extending at least through three years, five times per week; to have had training in translating English into Latin throughout the entire course, and during the last half, at least, the translation of connected English prose.

It is expected that the following work, barring slight variations, will have been done:

1. Beginner's Book and 30 to 40 pages of easy Latin.

2. Four books of Caesar, Nepos.

3. Cicero: Catiline Orations, pro Archia, and pro Milone, or its equivalent.

4. First six books of Vergil's Aeneid

5. Roman History. (See under Admission in History.) The examination will be in two parts:

(a.) Translation of passages selected from the work above outlined and a short passage of prose to be read at sight. The translation must be in idiomatic English. To attain facility in this, frequent written translations during the years of preparation are advised.

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b.) The examination in Grammar and Composition for 1900 will be based on the first three orations of Cicero against Catiline. A thorough test of form and syntax will be given. The composition will be connected English based on this vocabulary, and will contain no construction not found in these orations.

French.

1. A knowledge of the essentials of the grammar.
2. An ability to read at sight ordinarily easy French prose.
3. An ability to translate easy English exercises into French.

The examination is adapted to the proficiency of those who have studied French to the equivalent of a systematic course of three hours a week for eight months. It consists of three parts, covering the ground indicated above. These parts may not be taken separately.

(a.) The grammatical knowledge required includes the leading uses of the articles (including the "partitive construction"), the formation of the plurals of nouns, and of the feminine forms of adjectives; the comparison of adjectives and adverbs, the distinctions between the two sets of objective forms of personal pronouns, location of objective personal pronouns, negative and interrogative sentences, the entire conjugation of *être*, *avoir*, and the model verbs, and the leading tense forms of the more usual irregular verbs. Rare and unusual words and forms are in all cases excluded.

(b.) The passages set for translation into English are suited to candidates who have read not less than three hundred duodecimo pages, which must be from the works of at least two authors: this amount includes sight reading done in class. It is important that all translation be done into clear and idiomatic English.

(c.) The sentences given to be rendered into French are such as would be found in an ordinary text-book for beginners.

German.

Candidates are expected to have an accurate knowledge of elementary grammar, including the principal syntactical laws of the language. A careful preparatory study of Otis' German Grammar or Joynes-Meissner or Edgren-Fossler or Calvin Thomas' German Grammar (part I) will give sufficient train-

ing in the language. The knowledge of the candidate will be tested by a written examination in German composition and the writing of an easy theme in German.

The oral examination will consist in the reading at sight of narrative prose and such poetry as is usually found in a First Reader. About one hundred and fifty pages of an elementary text-book, accurately studied, will be considered a sufficient preparation. Special stress will be laid upon a good German pronunciation.

History.

Candidates for admission to the course leading to the degree of Bachelor of Arts will be examined in the following subjects:

Greek History, through the Roman Conquest, as much as is contained in Myers' History of Greece.

Roman History, as much as is contained in Allen's History of the Roman People.

Candidates for admission to the course leading to the degree of Bachelor of Science will be examined in the following subjects:

English History, as much as is contained in Montgomery's History of England.

American History, as much as is contained in Alexander Johnston's History of the United States.

Mathematics.

Algebra (*a.*). Factoring, fractions, equations of the first degree, with one or more unknown quantities, solution of problems, inequalities, powers and roots, reduction of radicals, quadratic equations.

Algebra (*b.*). Quadratic equations, ratio and proportion, progressions, permutations and combinations, binomial theorem, undetermined coefficients.

Plane Geometry. Demonstrations, constructions, computation of areas.

Solid Geometry. Demonstrations, computation of surfaces and volumes.

Plane Trigonometry, including the solution of trigonometric equations.

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Physics.

Candidates must show an acquaintance with the more important phenomena of physics, and with the principles involved in the explanation of them. They must be able to solve simple numerical problems, and must understand the metric system. Gage's Introduction to Physical Science or Carhart and Chute's Physics will give suitable preparation, if supplemented by laboratory work. The laboratory note-book must be shown at the time of the examination. One year's study, five periods a week, will probably give the preparation needed; but in any case the entire subject, as treated in a book of the grade indicated above, must be completed.

Chemistry.

Elementary Chemistry. Storer's and Lindsay's Manual of Chemistry will give suitable preparation. This requirement presupposes a systematic course of two hours of class-room exercises and three hours of laboratory work per week for a period of eight months.

II.

Admission to Special Courses.

All the courses of instruction are open to students of suitable age and attainments who wish, without reference to any degree, to pursue special studies. Candidates are examined in each special study by the head of the department. They must be familiar with the subjects preliminary to the studies which they wish to pursue.

Every student pursuing such a course, if under the age of twenty-one years, is required to include in the selections *not less than three distinct departments, with at least twelve recitations or lectures a week*. The choice of studies embraced in a special course must be made immediately upon the commencement of a term, and no student, without permission of the Faculty, may make a new choice of studies during any single term.

No one is admitted as a special student who has within four months of the time of his application been rejected by the Committee on Admissions as a regular student or has within that time become deficient as a regular student.

III.

Admission to Advanced Standing.

Candidates for admission to an advanced class in any department are examined in all indispensable preliminary studies.

Due credit is given for properly certified courses of study pursued elsewhere.

DEGREES.

The degree of Bachelor of Arts or Bachelor of Science is conferred on students who complete the appropriate course of study as outlined below.

Courses of graduate study leading respectively to the degrees of Master of Arts and of Doctor of Philosophy are described under the head of the "School of Graduate Studies" in this Catalogue.

Course of Study Leading to the Degree of Bachelor of Arts.

(The figures refer to the numbers of the courses in the several departments of the College, as previously described.)

FRESHMAN YEAR.

English, 41, 44.	{ French, 221; or
Greek, 81.	{ German, 61.
Latin, 121, 122.	Mathematics, 141, 142, 143.

SOPHOMORE YEAR.

English, 42.	{ French, 222; or
{ Greek, 82, 83; or	{ German, 62.
{ Latin, 123, 124.	{ Chemistry, 21, 22; or
History, 101, 102.	{ Physics, 181.

JUNIOR YEAR.

{ Greek, 84; or	Philosophy, 162, 163.
{ Latin, 125, 126.	

Elective, 9 hours a week.

SENIOR YEAR.

Philosophy, 164, 165, 175.
Elective, 9 hours a week.

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Course of Study Leading to the Degree of Bachelor of Science.

FRESHMAN YEAR.

* Two of the following:

- | | |
|--------------------|------------------|
| English, 41, 44. | French, 221. |
| Chemistry, 21, 22. | German, 61. |
| Physics, 181. | Latin, 121, 122. |

SOPHOMORE YEAR.

- | | |
|-----------------------------|--------------------|
| { French, 222; or | History, 101, 102. |
| { German, 62. | Chemistry, 23. |
| Mathematics, 144, 145, 146. | Physics, 182. |

JUNIOR YEAR.

- | | |
|------------------------|---------------------|
| Mathematics, 147, 148. | { Chemistry, 24; or |
| | { Physics, 183. |

Elective, 9 hours a week.

SENIOR YEAR.

Elective, 15 hours a week.

EXAMINATIONS.

At the end of each term examinations are held in the studies of that term.

The results of the term examinations are combined with those of the daily recitations of the student during the term in order to ascertain his academic standing at the end of that term. Account is also taken of attendance.

A student who fails to pass a satisfactory examination in any study at the end of a College term must present himself for re-examination in that study, and failing to do so shall forfeit promotion with his class in that department.

All examinations which occur at the end of a College year are conducted in writing. Examinations for degrees are concluded three weeks before the date of the Annual Commencement. In

* The two languages presented at entrance will be continued through the Freshman year.

order to graduate, students must obtain at least 75 *per cent.* in the final examinations on all of the subjects.

Examinations for prizes are concluded three weeks before the end of each scholastic year.

ANNUAL PRIZES.

Beside the honors and degrees conferred in the regular course, prizes are annually offered as rewards for special excellence in particular branches of study.

The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D. D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar in each of these languages.

The Ruggles Prizes, for excellence in Mathematics, founded by Professor William Ruggles, LL. D., consist of two gold medals, annually awarded to the best two scholars in Pure and Applied Mathematics.

Professor Munroe offers a gold medal to that student from any Washington High School who shall attain the highest mark in Chemistry among those passing the entrance examinations, and shall remain in regular attendance in the College for one year.

The Class of '96 James Macbride Sterrett, Jr., Memorial Medal is annually awarded to that member of the Sophomore Physics Class who obtains the highest average in a special examination on a given subject and in the writing of an essay on an assigned topic. Only candidates for degrees are allowed to compete.

The Davis Prizes, for excellence in Composition and Eloquence, founded by the Hon. Isaac Davis, LL. D., of Massachusetts, consist of two gold medals, annually awarded to the two successful competitors in a public contest. Senior students pursuing regular courses of study are eligible to compete for these prizes.

PRIZE AWARDS, 1899.

Staughton Prize, Lida Draper.

Elton Prize, Elsie Madeleine McKelden, Alphonso Augustus Hobson.

Ruggles Prize, Elsie Madeleine McKelden.

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Gore Prize in Parliamentary Law, J. William Beatty.

James Macbride Sterrett, Jr., Prize in Physics, Harry Bradley Smith.

First Davis Prize in Elocution, Preston Blair Ray.

Second Davis Prize in Elocution, Alphonso Augustus Hobson.
Munroe Prize, Frances Sanders.

ANNUAL COMMENCEMENT.

The Annual Commencement is held on the Wednesday nearest the first of June.

All the degrees of the College are publicly conferred on Commencement Day.

Prizes for special excellence in any department are publicly delivered on the same day.

PUBLIC WORSHIP.

Brief devotional exercises are held in the Hall of the University on every week day except Saturday, at 9 o'clock a. m. All students are expected to attend these services.

THE LIBRARY.

The Library is open every day from 9.15 a. m. until 10 o'clock p. m.

UNIVERSITY LECTURES.

Students of the College are admitted without further fee to the University Lectures; and, when qualified to profit by them, they may secure admission to other lectures given in the Hall of the University by applying to the Dean.

DAVIS PRIZE SPEAKING.

The Davis Prize Speaking is held annually in the Hall of the University on the day before Washington's Birthday. The Davis Prizes are offered under the following conditions:

The competition is restricted to members of the Senior Class pursuing regular courses of study. Two prizes of equal value are offered—one to young men presenting original orations, and one to young women presenting original essays. Students wishing to enter the competition should report to the Professor of English not later than January 10, and submit their orations or essays not later than February 1. The prizes are awarded by a committee consisting of three members—one selected by the Faculty of the College, and one by each of the two classes of contestants.

LITERARY SOCIETY.

The Enosian Society, a literary association formed by the students of the College, meets weekly for the purpose of improvement in Debate and Composition. Prizes are given to the two students showing the greatest proficiency in Debate and in Parliamentary Law.

THE ROMAN CLUB.

Professor Carroll has organized his graduate and advanced students into a "Roman Club" for the study of the Topography and Monuments of Rome, Roman Life and Art, and kindred themes. The Club meets once a month for the treatment of assigned topics, discussion of papers, and reports on Latin periodicals. During the present session the following themes have been subjects of study: Greek Temples in Italy and Sicily, the Roman Forum, Pompeii—its art and its monuments, and Roman Festivals and Amusements.

GENERAL REGULATIONS.

Every student on entering the College is understood by that act to pledge a voluntary acquiescence in the rules and regulations prescribed by the Board of Trustees and by the Faculty acting under the authority of the Board.

A report of the student's standing in all studies will be rendered to parents or guardians at the end of each term.

The schedule of recitations is arranged to meet the require-

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ments of the curriculum, and no choice of studies that involves conflicts in recitation periods will be permitted.

Junior and Senior students who desire to elect work in Astronomy, Botany, Geology and Mineralogy, or Zoology may avail themselves of the courses offered by the Corcoran Scientific School in those departments.

Electives in the Junior and Senior years to be credited for a degree must be chosen from Junior or Senior subjects.

No student who is a candidate for a degree may, without special permission of the Faculty, take more than six hours in one scholastic year in any one department.

No student is permitted to take more than eighteen recitation or laboratory periods a week, except by special permission of the Faculty, and no student, without permission of the Faculty, may make a new choice of studies during any single term.

EXPENSES.

Admission fee (paid but once, on entrance).....	\$10.00
Tuition for the year in three or more departments.....	100.00
Tuition for the year in two departments.	70.00
Tuition for the year in one department.....	50.00
Materials for laboratory courses in Chemistry, each course.....	10.00
Final Diploma Fee	10.00

These charges cover all expenses except those incurred through breakage or damage of apparatus, tools, instruments, furniture, or buildings.

Bills are payable semi-annually, in advance.

Students proposing to withdraw from the College will inform the Registrar to that effect. In the absence of such notification, no claims for exemption from fees will be allowed.

SCHOLARSHIPS.

The Kendall Scholarship, founded by the late Hon. Amos Kendall, is annually conferred on that student from any of the Washington High Schools who attains the highest average in the May entrance examinations. This scholarship continues

throughout the College course, and students on this foundation pay semi-annually, in advance, a fee of eight dollars, and the admission fee (paid but once, on entrance) of ten dollars.

The University offers also six scholarships, each running for four years, to be awarded annually to members of the graduating classes of the High Schools of Washington. The scholarships will be divided among the several High Schools in proportion to the number of students in attendance upon each; three scholarships are offered to young men and three to young women. No scholarship will be awarded to a candidate whose examination average is below 80 per cent. Candidates for these scholarships will take the May entrance examinations for the College course leading to the degree of A. B., or the degree of B. S., as they shall elect, and on the results of these examinations the scholarships will be assigned. Holders of these scholarships pay semi-annually, in advance, a fee of eight dollars, and the admission fee (paid but once, on entrance) of ten dollars; and they will be expected to pursue a regular course, classical or scientific, leading to a degree.

The Powell Scholarships were founded by the late Admiral Powell, U. S. Navy. (For conditions under which these scholarships are assigned, see page 93 of this Catalogue.) The number of scholarships awarded each year will be determined by the income from the endowment. Each scholarship will entitle the beneficiary to free tuition for one year. Such special courses of study are offered to each student as will give him the instruction needed to accomplish the purpose for which he is awarded the scholarship.

ROOMS AND BOARD.

Desirable rooms, convenient to the University buildings, are obtainable at prices ranging from \$5 to \$15 per month, and good board is offered at from \$15 to \$20 per month. A list of eligible boarding-houses will, upon request, be furnished by the Registrar of the University.

For further information concerning the Columbian College, application may be made to the Registrar of the University.

STUDENTS.

Candidates for Degrees.

Name.	State.	Address.
Alden, L. Russell.	D. C.	809 L Street.
Ames, Gladys.	Mass.	21st and R Streets.
Ashford, Horace Frost.	D. C.	1763 P Street.
Ashford, Mahlon.	D. C.	1763 P Street.
Beard, Edward Abbott.	Md.	1305 N Street.
Bliss, George R.	D. C.	1923 15th Street.
Brackett, F. Ely.	D. C.	1310 R. I. Avenue.
Bradshaw, May Paul.	D. C.	901 C Street, N. E.
Bryson, Herbert James.	Pa.	714 12th Street, N. E.
Buck, Katherine Lincoln.	Mass.	1535 T Street.
Chase, George G.	Kans.	1201 Whitney Ave.
Clark, Bertha Winifred.	N. Y.	Brookland, D. C.
Coburn, Harry C., Jr.	D. C.	2111 G Street.
Crawford, Angus McDonald.	Va.	S. E. cor. 21st & O Sts.
Domer, Harry Tennyson.	D. C.	738 11th Street.
Dunwoody, Halsey.	D. C.	1522 31st Street.
Evans, Lola May.	D. C.	2227 13th Street.
Fleming, Thomas, Jr.	Va.	1763 Madison Street.
Flint, Weston Brown.	D. C.	1243 K Street.
Ford, John.	Md.	312 2d Street, S. E.
Ford, Mary Elizabeth.	D. C.	312 2d Street, S. E.
Franzoni, Cecilia.	D. C.	605 I Street.
Frisby, Florence Elizabeth.	D. C.	1607 31st Street.
Fuller, Charles F.	D. C.	612 L Street, N. E.
Fuller, Hubert Bruce.	Conn.	1615 Florida Avenue.
Green, G. Emery.	Mass.	1123 17th Street.
Hance, Eleanor Wilson.	Va.	Cherrydale, Va.
Haws, Samuel Nathaniel.	Tenn.	813 12th Street, N. W.
Hobgood, Mary Lucretia.	Ia.	1946 2d Street.
Hord, Rev. Arnold Harris.	Pa.	Holmesburg, Pa.
Hoskins, Etta Louise.	Mich.	301 C Street, S. E.
Johnson, Alward L.	D. C.	1403 31st Street.
Keller, Charles Byron.	N. Y.	1122 G Street, S. E.
Knight, Evelyn Estelle.	D. C.	1106 Md. Ave., S. W.
Leach, Boynton McConnel.	D. C.	1306 I Street.

Name	State	Address.
Lee, Helen	Me.	The Westminster.
Lindsey, Melville Wilmer	Va.	Alexandria, Va.
Lynch, Sara P.	D. C.	Brookland, D. C.
Main, Charles W.	Md.	1617 17th Street.
Matson, John W.	Md.	Berwyn, Md.
Maynard, Colton	D. C.	1407 15th Street.
McGroarty, Lucina Frances	Ala.	123 5th Street, N. E.
Merritt, Ella A.	Minn.	159 Heckman St., S.E.
Parkinson, Elsie Elizabeth	Mich.	806 9th Street, N. E.
Parkman, Mrs. Josephine Bettes	Mass.	2519 Pa. Avenue.
Peck, Paul Noble	D. C.	1102 P Street.
Peterson, Norman E.	Minn.	Laurel, Md.
Phelps, Mary W.	D. C.	222 A Street, S. E.
Randolph, Frances Howell	D. C.	1229 Princeton St.
Reinke, Lottie	Tex.	1719 13th Street.
Robinette, Rosalie Agnes	Pa.	301 Md. Ave., N. E.
Robinson, Nathaniel E., Jr.	D. C.	Brightwood, D. C.
Sanders, Frances	D. C.	629 S Street.
Shallenberger, Josephine P.	Pa.	906 East Capitol St.
Smith, Flora Warren	Minn.	Kensington, Md.
Solyom, Herbert Louis	Md.	Tennallytown, D. C.
Sperry, Paul	Ohio	321 Del. Ave., N. E.
Sterrett, Douglas B.	D. C.	Springland, D. C.
Sterrett, William Dent	D. C.	Springland, D. C.
Tasker, Arthur N.	D. C.	122 Md. Ave., N. E.
Thönsen, Pearl Edna	Tex.	1533 5th Street.
Tufts, Clarissa Brooks	Kans.	132 D Street, N. E.
Turner, M. Elsie	D. C.	414 B Street, N. E.
Whitney, Carl Everett	N. Y.	736 3d Street.
Wiehle, Alvin Louis Virgil	Va.	1621 Conn. Avenue.

Special Students.

Albrecht, William Frederick . . .	Ind.	1115 9th Street.
Biscoe, Mattie Gresham	Ark.	In attendance, 1898-1899.
Botkin, Alice Sinclair	Mont.	1623 H Street.
Baylor, Maria	Va.	930 K Street.
Cummings, Lucy W.	D. C.	Howard University.
Day, Frank Leighton	Va.	1302 30th Street.

WASHINGTON, D. C.

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Name.	State.	Address.
Dowe, George M.	D. C.	1742 Riggs Place.
Fukuda, Tatsugoro	Japan.	617 H Street.
Gray, Edith Cornelius	D. C.	923 I Street.
Heilprin, Frances	D. C.	926 B Street, S. W.
Henderson, John Thompson	Tenn.	821 M Street.
Howell, R. S.	Iowa	6th and Pa. Avenue.
Hunt, Julia H.	D. C.	2115 N Street.
Kodera, Kenkichi	Japan.	617 H Street.
Miller, Ella Wood	Mo.	1719 13th Street.
Neiley, Laura Maud	N. S.	2415 Bancroft Place.
Olmstead, Myrtle	D. C.	2148 Pa. Avenue.
Pearson, Perry S., A. B.	Ga.	1112 10th Street.
Pennywitt, Eunice V.	Va.	Glencairn, Va.
Ray, Eleanor M.	Md.	Forest Glen, Md.
Rhoton, Alvis Lemuel	Ky.	218 Ky. Avenue, S. E.
Shirasu, Chohei	Japan	Japanese Legation.
Underwood, Norman	D. C.	1407 10th Street.
Ward, Rev. A. Norman, A. B.	Md.	23 8th Street, S. E.
Wilkins, John Howard	D. C.	937 S Street.
Wiren, Aurora	Minn.	921 F Street, N. E.
Wiren, Frances	Minn.	921 F Street, N. E.
Total		91

THE CORCORAN SCIENTIFIC SCHOOL

THE FACULTY.

*REV. BENAIAH L. WHITMAN, D. D., LL. D.
President.

REV. SAMUEL H. GREENE, D. D., LL. D..
President pro tempore.

HOWARD L. HODGKINS, PH. D.,
Dean,
Professor of Mathematics.

CHARLES E. MUNROE, PH. D.,
Professor of Chemistry.

REV. SAMUEL M. SHUTE, D. D.,
Emeritus Professor of English.

JAMES HOWARD GORE, PH. D.,
Professor of Geodesy.

CLEVELAND ABBE, A. M., LL. D.,
Professor of Meteorology.

HERMANN SCHOENFELD, PH. D.,
Professor of German.

HARRY KING, LL. B.,
Emeritus Professor of Drawing.

GEORGE P. MERRILL, PH. D.,
Professor of Geology and Mineralogy.

* Resigned March 31, 1900.

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WASHINGTON, D. C.
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JOSIAH PIERCE, Jr., A. M.,
Professor of Applied Geometry.

ANDREW F. CRAVEN, PH. D.,
Professor of Politics and Economics.

LOUIS AMATEIS,
Professor of Fine Arts as Applied to Architecture.

EDWARD FARQUHAR, PH. D.,
Professor of History.

FRANK A. WOLFF, PH. D.,
Professor of Physics and Electrical Engineering.

F. LAMSON-SCRIBNER, B. S.,
Professor of Botany.

J. C. HORNBLOWER,
Professor of Architecture.

C. F. MARVIN, M. E.,
Associate Professor of Meteorology.

EDWARD B. POLLARD, PH. D.,
Professor of Biblical Literature.

MARATHON M. RAMSEY, A. M.,
Professor of Romance Languages.

WILLIAM ALLEN WILBUR, A. M.,
Professor of English, and Secretary of the Faculty.

AINSWORTH R. SPOFFORD, LL. D.,
Professor of Library Science.

HERBERT L. RICE, M. S.,
Professor of Astronomy.

GUSTAV AYRES, M. E.,
Professor of Mechanical Engineering.

REV. BENJAMIN ALFRED DUMM, A. M.,

Professor of Philosophy.

THEODORE F. LAIST, B. S.,

Associate Professor of Architecture.

MICHELL CARROLL, PH. D.,

Professor of Latin.

HENRY A. PRESSEY, B. S.,

Professor of Civil Engineering and Acting Professor of Applied Mathematics.

ERNEST L. THURSTON, C. E.,

Professor of Drawing.

WILBUR F. DALES, PH. D.,

Assistant Professor of Latin and Greek.

W. EDWIN PRIEST,

Assistant Professor of History.

PETER FIREMAN, PH. D.,

Assistant Professor of Organic Chemistry.

THOMAS J. D. FULLER, B. S.,

Assistant Professor of Architecture.

HENDERSON PRESNELL,

Assistant Professor of Library Science.

WILLIAM P. CUTTER, B. S.,

Assistant Professor of Library Science.

THOMAS A. WILLIAMS, A. M.,

Assistant Professor of Botany.

EDWARD A. MUIR, B. S.,

Assistant Professor of Drawing.

WASHINGTON, D. C.

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INSTRUCTORS AND ASSISTANTS.

EMIL H. MEYER,
Instructor in Fine Arts.

T. W. STANTON, PH. D.,
Instructor in Paleontology and Stratigraphical Geology.

HARRY T. NEWCOMB, LL. M.,
Instructor in Transportation.

H. GRANT HODGKINS, A. B.,
Instructor in Mathematics.

CHARLES E. McNABB, LL. M.,
Instructor in Business Law.

RAYMOND SAYER,
Instructor of the Perspective Class.

REED P. CLARK, A. B.,
Instructor in French.

PAUL BARTSCH, B. S.,
Instructor in Zoölogy.

CHARLES S. HYDE, A. M.,
Instructor in German.

R. E. BAKENHUS, B. S.,
Instructor in Civil Engineering.

FAIRFAX BAYARD, C. E.,
Instructor in Applied Mathematics.

FRED F. REISNER, E. E.,
Assistant in the Physical Laboratory.

JULES MAILLET,
Assistant in French.

WINTER F. BOWEN,
Assistant in Assaying.

CHRISTIAN G. STORM, M. S.,
Assistant in Chemistry.

N. MONROE HOPKINS, B. S.,
Assistant in Chemistry.

MAYVILLE W. TWITCHELL, B. S.,
Assistant in Geology.

EUGENE BRADBURY,
Assistant in Architectural Drawing.

LECTURERS.

OTIS T. MASON, PH. D., LL. D.,
Lecturer on Anthropology.

THOMAS M. CHATARD, PH. D.,
Lecturer on Chemical Engineering.

CARROLL D. WRIGHT, LL. D.,
Lecturer on Social Statistics.

CABELL WHITEHEAD, PH. D.,
Lecturer on Metallurgy.

STANDING COMMITTEES OF THE FACULTY.

Committee on Advanced Standing.
The DEAN, the SECRETARY, and Professor MERRILL.

Committee on Library.
Professors FARQUHAR, CUTTER, and PRESNELL.

Committee on Examination Schedule.
Professors RAMSEY, WILBUR, and PRESSEY.

WASHINGTON, D. C.
1894-1900

The School of Science is called the Corcoran Scientific School in grateful recollection of the many benefactions of W. W. Corcoran to the University.

The exercises of the School begin Wednesday, September 26, 1900, and are held in University Hall (southeast corner of Fifteenth and H streets, N. W.), which is constructed with special reference to the wants of the School.

Properly qualified persons of either sex are admitted as students in the full courses of study leading to the degree of Bachelor of Science, as described below, or they may take special courses in any of the departments.

Candidates for admission to the Freshman Class should be prepared in English Grammar, Rhetoric, French Grammar, American History, Algebra through Quadratic Equations, Plane Geometry, Elementary Chemistry, Elementary Physics, and the elements of Free-hand and Mechanical Drawing.

The following courses of study leading to the degree of Bachelor of Science are arranged to be completed in four years, but students otherwise engaged are granted a longer period in which to fulfill the requirements:

COURSES OF STUDY LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

*Freshman Year.**

(Common to all Courses.)

- | | |
|--|--|
| †(3) Chemistry, 1.
General Chemistry. | (1) Fine Arts, 1.
Free-hand Drawing. |
| (2) Drawing, 1.
Mechanical and Geometrical Drawing. | (2) Romance Languages, 1.
French. |
| (3) English, 1, 4.
Rhetoric; English Literature. | (5) Mathematics, 1, 2.
Algebra; Geometry. |

* Students in Course X will take Course Z in Fine Arts (Architectural Drawing) in addition to the above.

† The numbers in parentheses give the number of hours or periods per week. The numbers following the subjects refer to the special topics in the various Departments of the Corcoran Scientific School.

COURSE I—GENERAL.

Sophomore Year.

- (2) German, 1. (1) Mineralogy, 1.
(3) Mathematics, 3, 4. Descriptive Mineralogy.
Trigonometry; Analytic (3) Physics, 1.
Geometry. General Physics.
Elective, eight hours a week.

Junior Year.

- (2) Geology, 1. (2) German, 2.
Systematic Geology.
Elective, thirteen hours a
week.

Senior Year.

- (2) Astronomy, 1. (2) Philosophy, 1.
General Astronomy. Logic.
Elective, thirteen hours a
week.

COURSE II—IN CIVIL ENGINEERING.

Sophomore Year.

- 6) Applied Mathematics, 1, 2. (2) German, 1.
Descriptive Geometry; (3) Mathematics, 3, 4.
Elementary Mechanics. Trigonometry; Analytic
6) Engineering, 1, 6. Geometry.
Surveying and Construc- (1) Mineralogy, 1.
tion. Descriptive Mineralogy.
(1) Fine Arts, 2. (3) Physics, 1.
Architectural Drawing. General Physics.

Junior Year.

- (7) Applied Mathematics, 3, (2) German, 2.
4, 6. (8) Engineering, 3, 5.
Mechanics; Hydraulics; Railroad Engineering
Graphical Statics. Sanitary Engineering.
(2) Geology, 1. (2) Mathematics, 5.
Systematic Geology. Calculus.

WASHINGTON, D. C.

1894-1900

Senior Year.

- | | |
|-----------------------------|-----------------------|
| (2) Applied Mathematics, 5. | (1) Geodesy (1 term). |
| Strength of Materials. | (1) Mathematics, 7. |
| (2) Astronomy, 1. | Least Squares. |
| General Astronomy. | (2) Philosophy, 1. |
| (1) Chemistry, 14. | Logic. |
| Metallurgy of Iron. | |
| (10) Engineering, 2, 4, 7. | |
| Hydraulic Engineering: | |
| Masonry; Framed | |
| Structures. | |

COURSE III—IN ELECTRICAL ENGINEERING.

Sophomore Year.

- | | |
|-----------------------------|---------------------------------------|
| (2) Applied Mathematics, 1. | (4) Mechanical Engineering, 1, 2. |
| Descriptive Geometry. | Machine Design; Kinematics. |
| (2) Drawing, 3. | (1) Mineralogy, 1. |
| Machine Drawing. | Descriptive Mineralogy. |
| (2) German, 1. | (6) Physics, 1, 9. |
| (3) Mathematics, 3, 4. | General Physics; Physical Laboratory. |
| Trigonometry; Analytic | |
| Geometry. | |

Junior Year.

- | | |
|-----------------------------|--------------------------------|
| (2) Applied Mathematics, 3. | (2) Mechanical Engineering, 1. |
| Analytical Mechanics. | Machine Design. |
| (2) Geology, 1. | (9) Physics, 2, 3, 10, 14. |
| Systematic Geology. | Electricity; Laboratory. |
| (2) German, 2. | |
| (2) Mathematics, 5. | |
| Calculus. | |

Senior Year.

- | | |
|--------------------------------|--------------------------------|
| (3) Applied Mathematics, 4, 5. | (2) Philosophy, 1. |
| Hydraulics; Strength of | Logic. |
| Materials. | |
| (2) Astronomy, 1. | (11) Physics, 4, 5, 6, 12, 14. |
| General Astronomy. | Theory and Application of |
| (1) Chemistry, 14. | Electricity; Advanced |
| Metallurgy of Iron. | Laboratory; Inspection. |
| (2) Mechanical Engineering, 7. | |
| Power Plants. | |

COURSE IV—IN MECHANICAL ENGINEERING.

Sophomore Year.

- | | |
|--------------------------------|-----------------------------|
| (4) Applied Mathematics, 1, 2. | (6) Mechanical Engineering, |
| Descriptive Geometry: | 1, 2, 3. |
| Elementary Mechanics. | Machine Design: Kinematics. |
| (1) Chemistry, 3. | |
| Laboratory (first term). | (1) Mineralogy, 1. |
| (2) German, 1. | Descriptive. |
| (3) Mathematics, 3, 4. | (3) Physics, 1. |
| Trigonometry: Analytic | General Physics. |
| Geometry. | |

Junior Year.

- | | |
|-----------------------------|---|
| (2) Applied Mathematics, 3. | (13) Mechanical Engineering, 1, |
| Analytical Mechanics. | 2, 4, 5, 6, 7 |
| (2) Geology, 1. | Machine Design: Kinematics; Thermodynamics; |
| Systematic Geology. | Mechanical Technology: Mechanics of |
| (2) German, 2. | Machinery: Power Plants. |
| (2) Mathematics, 5. | |
| Calculus. | |

Senior Year.

- | | |
|---------------------|--|
| (2) Astronomy, 1. | (13) Mechanical Engineering, 8, |
| General Astronomy. | 9, 10. |
| (1) Chemistry, 14. | Machine Design; Machinery of Transmission; |
| Metallurgy of Iron. | Measurement of Power. |
| | 2) Philosophy, 1. |
| | Logic. |

COURSE V—IN CHEMISTRY (A).

Sophomore Year.

- | | |
|---------------------------------|-------------------------|
| (2) Applied Mathematics, 1. | (1) Drawing, 2. |
| Descriptive Geometry. | Machine Drawing. |
| (5) Chemistry, 2. | (1) Mineralogy, 1. |
| Laboratory; General Principles. | Descriptive Mineralogy. |
| (2) German, 1. | (3) Physics, 1. |
| (3) Mathematics, 3, 4. | General Physics. |
| Trigonometry: Analytic | |
| Geometry. | |

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1894-1900

Junior Year.

- | | |
|---|--|
| (15) Chemistry, 4.
Qualitative Analysis. | (2) Geology, 1.
Systematic Geology. |
| | (2) German, 2. |

Senior Year.

- | | |
|---|---|
| (16) Chemistry, 5, 7, 9, 14.
Quantitative Analysis;
Assaying; Organic
Chemistry; Metallurgy
of Steel. | (2) Astronomy, 1.
General Astronomy. |
| | (2) Philosophy, 1.
Logic. |

COURSE VI—IN CHEMISTRY (B).

Sophomore Year.

- | | |
|---|---|
| (2) Applied Mathematics, 1.
Descriptive Geometry. | (3) Mathematics, 3, 4.
Trigonometry; Analytic
Geometry. |
| (5) Chemistry, 2.
Laboratory: General
Principles. | (2) Mineralogy, 1.
Descriptive Mineralogy. |
| (2) German, 1. | (3) Physics, 1.
General Physics. |

Junior Year.

- | | |
|---|--|
| (12) Chemistry, 4.
Qualitative Analysis. | (2) Geology, 1.
Systematic Geology. |
| (2) Mathematics, 5.
Calculus. | (2) German, 2. |
| | (3) Physics, 2, 3.
Electricity. |

Senior Year.

- | | |
|---|---|
| (2) Astronomy, 1.
General Astronomy. | (2) Mathematics, 6, 7.
Differentials and Least
Squares. |
| (13) Chemistry, 5, 9, 14.
Quantitative Analysis;
Organic Chemistry;
Metallurgy of Steel. | (2) Philosophy, 1.
Logic. |

COURSE VII—IN MATHEMATICS.

Sophomore Year.

- | | |
|-----------------------------|-------------------------------------|
| (4) Applied Mathematics, 1. | (2) German, 1. |
| Descriptive Geometry. | (3) Mathematics, 3, 4. |
| (2) Civil Engineering, 1. | Trigonometry; Analytic
Geometry. |
| Surveying. | |
| (2) Drawing, 4. | (2) Mineralogy, 1. |
| Topographic Drawing. | Descriptive Mineralogy. |
| (2) Romance Languages, 2. | (3) Physics, 1. |
| French. | General Physics. |

Junior Year.

- | | |
|-----------------------------|--|
| (2) Applied Mathematics, 3. | (2) History, 1. |
| Analytical Mechanics. | American. |
| (2) Romance Languages, 3. | (4) Mathematics, 5, 8, 9, 10. |
| French. | Calculus; Determinants; |
| (2) Geology, 1. | Quaternions; Analytic
Geometry of Three Di- |
| Systematic Geology. | mensions. |
| (2) German, 2. | (3) Physics, 2, 3. |
| | Electricity. |

Senior Year.

- | | |
|--|---|
| (3) Applied Mathematics, 4, 5. | (2) Philosophy, 1. |
| (4) Astronomy, 1, 2. | Logic. |
| General and Mathemat-
ical Astronomy. | (3) Physics, 4, 7. |
| (1) Geodesy, 1. | Mathematical Theory of
Electricity; Mathemat-
ical Physics. |
| (2) German, 3. | |
| (4) Mathematics, 6, 7, 11, 12. | |
| Differential Equations;
Least Squares; Theory
of Equations; History
of Mathematics. | |

WASHINGTON, D. C.

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COURSE VIII—IN METEOROLOGY.

Sophomore Year.

- | | |
|-------------------------------------|-------------------------|
| (2) Applied Mathematics, 1. | (2) Meteorology, 1. |
| Descriptive Geometry. | Observational. |
| (3) Chemistry, 2 or 3. | (2) Mineralogy, 1. |
| Laboratory. | Descriptive Mineralogy. |
| (2) German, 1. | (3) Physics, 1. |
| (3) Mathematics, 3, 4. | General Physics. |
| Trigonometry; Analytic
Geometry. | |

Junior Year.

- | | |
|---------------------------------|---------------------|
| (2) Applied Mathematics, 3. | (2) German, 2. |
| Analytical Mechanics. | (2) Mathematics, 5. |
| (2) Botany, 1. | Calculus. |
| Structural and System-
atic. | (2) Meteorology, 2. |
| (2) Geology, 1. | Climatology. |
| Systematic Geology. | (3) Physics, 9. |
| | Laboratory. |

Senior Year.

- | | |
|-----------------------------|---|
| (2) Applied Mathematics, 4. | (2) Mathematics, 6, 7. |
| Hydraulics. | Differential Equations;
Least Squares. |
| (2) Astronomy, 1. | (2) Meteorology, 3. |
| General Astronomy. | Special Topics. |
| (1) Geodesy. | (2) Philosophy, 1. |
| Projections. | Logic. |
| | (3) Physics, 11. |
| | Laboratory. |

COURSE IX—IN GEOLOGY AND MINERALOGY.

Sophomore Year.

- | | |
|----------------------------|-------------------------------------|
| (2) Botany 1. | (3) Mathematics, 3, 4. |
| Structural and Systematic. | Trigonometry; Analytic
Geometry. |
| (4) Civil Engineering, 1. | (3) Mineralogy, 1, 2. |
| Surveying. | Descriptive and Deter-
minative. |
| (2) German. | (3) Physics, 1. |
| | General Physics. |

Junior Year.

- | | |
|-----------------------|-------------------------|
| (12) Chemistry, 4. | (2) German. |
| Qualitative Analysis. | (2) Mineralogy. |
| 2. Geology, 1. | Determinative and Crys- |
| Systematic Geology. | tallographic. |
| | (2) Zoology, 1. |

Senior Year.

- | | |
|------------------------|-------------------------------|
| (2) Astronomy, 1. | (2) Philosophy, 1. |
| General Astronomy. | Logic. |
| (2) Drawing, 2. | (2) Paleobotany. |
| Topographical Drawing. | (2) Paleozoology. |
| (2) Economics, 6. | (2) Special Lectures on Rock- |
| Political Economy. | weathering and Sedimen- |
| (2) Geology, 2. | tation, Field Methods, etc. |
| Applied Geology. | |
| (2) Meteorology, 2. | |
| General Climatology. | |

COURSE X—IN ARCHITECTURE.

Sophomore Year.

- | | |
|---------------------------------|-------------------------|
| (4) Applied Mathematics, 1. | (2) German, 1. |
| Descriptive Geometry. | (3) Mathematics, 3, 4. |
| (14) Architecture, 1, 4, 5, 10. | Trigonometry : Analytic |
| History of Architecture : | Geometry. |
| Architectural Drawing | (1) Mineralogy, 1. |
| and Design ; Building | Descriptive Mineralogy, |
| Construction. | (3) Physics, 1. |
| (6) Fine Arts, 3. | General Physics. |
| Drawing, etc. | |

Junior Year.

- | | |
|----------------------------------|---------------------|
| (4) Applied Mathematics, 3, 6. | (6) Fine Arts, 4. |
| Mechanics ; Graphic Stat- | Drawing, etc. |
| ies (one term). | (2) Geology, 1. |
| (16) Architecture, 2, 6, 11, 12. | Systematic Geology. |
| History of Architecture : | (2) German, 2. |
| Architectural Design : | (2) Mathematics, 5. |
| Building Materials : | Calculus. |
| Specifications. | |

WASHINGTON, D. C.

1894-1900

Senior Year.

- | | |
|---|------------------------------------|
| (2) Applied Mathematics, 5. | (2) Economics, 1.
Business Law. |
| Strength of Materials. | |
| (15) Architecture, 3, 7, 8, 9, 13. | (6) Fine Arts, 5.
Drawing, etc. |
| History of Architecture; | |
| Architectural Design; | (2) Philosophy, 1. |
| Building Materials; | Logic. |
| Sanitary Science; | |
| Thesis. | |
| (2) Astronomy, 1.
General Astronomy. | |

COURSE XI—18 ECONOMICS.

Sophomore Year

- | | |
|---|---|
| (2) Economics, 1.
Business Law. | (2) Mineralogy, 1.
Descriptive Mineralogy. |
| (2) Geography, 1.
Physical. | (3) Physics, 1.
General Physics. |
| (2) German, 1. | (2) Romance Languages, 2.
French. |
| (2) History, 1.
American. | |
| (3) Mathematics, 3, 4.
Trigonometry; Analytic
Geometry. | |

Junior Year.

- | | |
|--|---|
| (6) Economics, 2, 3, 5.
Finance; Politics and
Administration; Eco-
nomic Development. | (2) German, 2.
(2) History, 2.
Ancient History. |
| (2) Geography, 2.
Economic. | (2) Philosophy, 2.
Psychology. |
| (2) Geology, 1.
Systematic Geology. | (2) Zoology, 1. |

Senior Year.

- (2) Astronomy, 1. (2) German, 4.
 General Astronomy. (4) History, 3, 5.
 (2) Botany, 1. Mediæval: English.
 Structural and System- (2) Philosophy, 1.
 atic. Logic.
 (6) Economics, 4, 6, 7.
 Statistics; Political Econ-
 omy; Sociology.

COURSE XII—IN LANGUAGE AND LITERATURE.

Sophomore Year.

- (2) English, 2. (2) Mineralogy, 1.
 English Prose. Descriptive Mineralogy.
 (2) German, 1. (3) Physics, 1.
 (2) Greek, 3; or Latin, 4. General Physics.
 (3) Mathematics, 3, 4. (4) Romance Languages, 2, 7.
 Trigonometry; Analytic French; Spanish.
 Geometry.

Junior Year.

- (3) English, 6, 7, and 3 or 9. (2) Greek, 4; or Latin, 5.
 English Novel; Ameri- (2) History, 1.
 can Literature; and En- American.
 glish Composition or Old (6) Romance Languages, 3, 8,
 English. 10.
 (2) Geology, 1. French; Spanish; Italian.
 Systematic Geology.
 (2) German, 2.

Senior Year.

- (2) Astronomy, 1. (2) Greek, 5; or Romance Lan-
 General Astronomy. guages, 11.
 (2) English, 8. (2) Latin, 6; or Geography, 1.
 Shakespeare. (2) Philosophy, 1.
 (2) German, 3. Logic.
 (4) History, 2, 3. (2) Romance Languages, 4.
 Ancient; Mediæval. French.

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COURSE XIII.—IN LIBRARY SCIENCE.

Sophomore Year.

- | | |
|--|---|
| (3) English, 2, 3.
English Prose; English
Composition. | (3) Mathematics, 3, 4.
Trigonometry; Analytic
Geometry. |
| (2) French, 2. | (2) Mineralogy, 1.
Descriptive. |
| (2) German, 1. | (3) Physics, 1.
General Physics. |
| (7) Library Science, 1, 2, 3, 4, 5.
Cataloguing; Accession;
Classification; Adminis-
tration. | |

Junior Year.

- | | |
|--|--|
| (2) English, 6, 7.
English Novel; Ameri-
can Literature. | (5) Library Science, 6, 7, 8, 9.
Administration; Ad-
vanced Cataloguing. |
| 2) French, 3. | (2) Romance Languages, 7.
Spanish. |
| 2) German, 2. | (2) Zoölogy, 1; or History. |
| (2) Geology, 1.
Systematic Geology. | |

Senior Year.

- | | |
|--|--|
| (2) Astronomy, 1.
General Astronomy. | (2) Philosophy, 1.
Logic. |
| (2) Botany, 1; or History. | (2) Romance Languages, 10.
Italian. |
| (5) Chemistry, 2 or 3; or
Physics, 9.
Laboratory. | |
| (6) Library Science, 10, 11, 12.
13, 14.
Bibliography; History
of Libraries; Refer-
ence Work; Thesis. | |

COURSE XIV—IN PHYSICS AND MATHEMATICS.

Sophomore Year.

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|--------------------------------------|--------------------------------------|
| (3) Applied Mathematics, 1. | (1) Mineralogy, 1. |
| Descriptive Geometry. | Descriptive Mineralogy. |
| (1) Chemistry, 3 (first term). | (3) Physics, 1. |
| Qualitative Analysis. | General Physics. |
| (2) German, 1. | (1) Physics, 9 (second term). |
| (3) Mathematics, 3, 4. | Laboratory Work. |
| Trigonometry : Analytic
Geometry. | (2) Romance Languages, 2.
French. |

Junior Year.

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|--|--|
| (2) Applied Mathematics, 3. | (9) Physics, 2, 7, 11. |
| Mechanics. | Mathematical Theory of
Electricity : Mathematical
Physics ; Advanced
Laboratory Work. |
| (2) Geology, 1. | Systematic Geology. |
| (2) German, 2. | |
| (4) Mathematics, 5, 8, 9, 10. | |
| Calculus; Determinants;
Quaternions; Analytic
Geometry of Three
Dimensions. | |

Senior Year.

- | | |
|--|--|
| (2) Astronomy, 1. | (11) Physics, 4, 7, 8, 13. |
| General Astronomy. | Advanced Mathematical
Theory of Electricity :
Mathematical Physics ;
Physical Chemistry ;
Advanced Laboratory
Work. |
| (2) German, 3. | |
| (3) Mathematics, 6, 7. | |
| Differential Equations ;
Least Squares. | |
| (2) Philosophy, 1. | |
| Logic. | |

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THE COLUMBIAN UNIVERSITY.

PROVISIONAL SCHEDULE OF

HOURS. P. M.	MONDAY.	TUESDAY.	WEDNESDAY.
	Politics, 4.15-5.15. Ancient History, 4.30-5.30 Modern History, 4.15-5.00.	Statistics, 4.15-5.15.	Sociology, 4.15-5.15.
6 to 7	Analytic Geometry. Geology. Machinery of Transmission. Masonry. Rhetoric. Technical Elec- tricity. Trigonometry.	American History. Architectural Draw- ing. Botany III. Chemical Labora- tory. Electrical Labora- tory. Elementary Elec- tricity. Elementary Mechan- ics. English Composition. French II. French V Kinematics Logic. Organic Chemistry. Physical Laboratory. Theory of Equations Zoology	Biblical Literature. Descriptive Geom- etry. Elementary Elec- tricity. English Literature. German III. Latin IV. Spanish I. Water Supply.
7 to 8	American Liter- ature. Building Construc- tion. Business Law. Calculus. Chemistry. English Novel. Greek I. Library Science II. Machinery of Transmission. Mineralogy. Spanish III. Technical Elec- tricity.	Architectural Draw- ing. Astronomy. Botany I. Chemical Laboratory. Differential Equa- tions. Economic Develop- ment. Electrical Labora- tory. English Prose. French I. French VI. Library Science III and IX. Physical Laboratory. Organic Chemistry. Surveying.	Chemistry. German II. Latin I. Machinery of Transmission. New Testament Greek. Physics. Spanish III. Strength of Mate- rials.

RECITATIONS AND LECTURES, 1900-1901.

THURSDAY.	FRIDAY.	SATURDAY.
Politics, 4.15-5.15. Mediaeval History, 4.15- 5.15.	Statistics, 4.15-5.15. Ancient History, 4.30- 5.30.	Sociology, 4.15-5.15. Mediaeval History, 4.15- 5.15.
American History. Analytic Geometry.	Analytic Geometry. Geology.	Electrical Laboratory. French II.
Chemistry.	German III.	Latin IV.
Elementary Electricity.	Rhetoric.	Machine Drawing.
Hebrew.	Theoretical Chemistry.	Mechanical Drawing.
Logic.	Trigonometry.	Meteorology.
Trigonometry.		Topographical Drawing.
Zoology.		
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Astronomy.	Economic Development.	Electrical Laboratory.
Biblical Literature.	Geometry.	Freehand Drawing.
Botany I. Business Law.	Geometry (Plane). German II.	Machine Drawing. Physical Laboratory.
Calculus.	Greek II.	
Library Science XI.	Hebrew.	
Mechanical Drawing.	Library Science I.	
Physics.	Measurement of Power.	
Topographical Drawing.	Mineralogy. Organic Chemistry. Psychology. Shakespeare. Spanish II. Strength of Materials.	

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PROVISIONAL SCHEDULE OF

HOURS. P. M.	MONDAY.	TUESDAY	WEDNESDAY.
8 to 9	Algebra.	Architectural Drawing.	Advanced Electricity.
	Algebra (Preparatory).	Building Construction	French III
	Greek II.	Chemical Laboratory.	German I.
	Library Science X.	Electrical Laboratory.	Latin I.
	Analytical Mechanics.	Geometry.	Analytical Mechanics.
	Metallurgy.	Geometry (Plane).	Machinery of Transmission.
	Old English.	Greek III	
	Physics.	Hydrographic Engineering	
	Spanish II.	Library Science IV.	
		Mechanical Technology	
9 to 10		Physical Laboratory	
		Political Economy	
		Shakespeare.	
		Steam Engine	
		Theoretical Chemistry	
	Advanced Electricity.	Algebra.	Building Construction.
	Descriptive Geometry.	Algebra (Preparatory)	Greek I.
	French VI.	Chemical Laboratory.	Hydraulics
	Geometry (Plane).	Electrical Laboratory.	Machinery of Transmission.
	Latin I.	Finance.	Measurement of Power.
	Thermodynamics.	Mechanical Technology	
		Physical Laboratory	
		Psychology	
		Railroad Engineering	
		Steam Engine	

The Laboratories and Drawing-rooms are open every evening.
 Chemistry 2 and 3 (laboratory courses), Tuesday from 5 to 10 P. M.
 The full course in Assaying occupies three evenings a week for three months.

RECITATIONS AND LECTURES, 1900-1901.

THURSDAY.	FRIDAY.	SATURDAY
Advanced Electricity.	Algebra.	Electrical Laboratory
Building Construction.	Algebra (Preparatory).	Freehand Drawing
Botany III.	American Literature.	Machine Drawing
Differential Equations.	English Novel.	Machine Design
French I.	Ethics.	Physical Laboratory
Hydrographic Engineering	German I	
Greek II.	Graphic Statics	
Library Science XIII.	Library Science I.	
Library Science VII.	New Testament Greek	
Library Science VIII.	Organic Chemistry.	
Machine Drawing.	Political Economy	
Machine Design.	Spanish I.	
Surveying.	Tall Buildings	
Steam Engine.	Thermodynamics.	
Elementary Mechanics.	Building Construction.	Electrical Laboratory.
French V.	English Prose.	Machine Drawing
Latin V.	French III	Machine Design.
Library Science XIII.	Finance.	Physical Laboratory
Machine Drawing.	Graphic Statics.	
Railroad Engineering.	Latin I.	
Steam Engine.	Thermodynamics	
Theory of Equations.		

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DEPARTMENTS OF INSTRUCTION.*

ANTHROPOLOGY.

DR. MASON, Lecturer.

APPLIED GEOMETRY.

PROFESSOR PIERCE, Head of Department.

Courses of lectures supplementing the regular courses in Drawing and Engineering will be given in this department.

APPLIED MATHEMATICS.

ACTING PROFESSOR PRESSEY.

MR. BAYARD, Instructor.

1. Descriptive Geometry, two hours; and Exercises, two hours.†
2. Elementary Mechanics, two hours.
3. Analytical and Applied Mechanics, two hours.
4. Hydraulics, one hour.
5. Strength of Materials and Theory of Elasticity, two hours.
6. Graphical Statics, two hours; and Exercises, two hours.
7. Stereotomy, one hour, and Exercises.

ARCHITECTURE.

PROFESSOR HORNBLOWER, Head of Department.

ASSOCIATE PROFESSOR LAIST, in Charge of Department.

ASSISTANT PROFESSOR FULLER.

Architects Assisting the Corps of Instruction for the Year 1900-1901.

WALTER G. PETER.

EDWARD W. DONN, JR., B. S.

EDWARD A. CRANE.

FRANCIS B. WHRATON.

OSCAR J. VOGT, Instructor in Architectural Drawing.

*An elective course asked for by less than five students may not be given.

† Unless otherwise stated, hours per week throughout the year.

Special Lecturers for the Year 1900-1901.**BERNARD R. GREEN, C. E.,***Superintendent of the Library of Congress.*

The Planning and Construction of Libraries.

GRUNWALD AUS, C. E., M. A. S. C. E.,*Chief Engineer, Office of Supervising Architect at the Treasury.*

Fireproof Building Construction.

FRANKLIN W. SMITH,

Pompeian Architecture.

JAMES C. PLANT,*Chief of Computing Division, Office of Supervising Architect of the Treasury.*

Building Materials, Specifications, and Computing.

GEORGE RISK, C. E.,*Technical Examiner, U. S. Civil Service Commission.*

Foundations.

G. O. TOTTEN, JR., A. M., Architect,

Theory of Architecture.

WM. D. WINDOM, Architect,

Wrought Iron Work.

Awards in School Competitions will be made by juries selected by the Washington Chapter, American Institute of Architects, and the Washington Architectural Club.

1. History of Architecture. Egyptian, Assyrian, and Grecian. One hour.

2. History of Architecture. Grecian and Roman. One hour.

3. History of Architecture. Romanesque, Renaissance, and Gothic. One hour.

4. Architectural Drawing. A review of the orders, with details to a large scale; measured drawings of existing buildings; copies and enlargements of plans and working drawings. First term, Sophomore year.

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5. Architectural Design. Elementary composition; eight problems or the equivalent. Second term, Sophomore year.

6. Architectural Design. Seven problems or the equivalent. Junior year.

7. Architectural Design. Six problems or the equivalent. First term, Senior year.

8. Thesis. An original design; a discussion of an architectural problem.

9. Sanitary Science. One hour, one term.

10. Building Construction. One hour, Sophomore year.

11. Building Materials and Construction. Two hours, Junior year.

12. Specifications. One hour, second term, Junior year.

13. Building Materials and Construction. Two hours, first term, Senior year.

14. Inspection of buildings erected or in course of erection.

The assigned problems in courses 4 to 8 will require not less than twelve hours' work a week from each student.

The Special Course.

This course is arranged to suit the requirements of architectural or student draftsmen who may desire to supplement the practical experience of office work with special training in design, rendering, and other technical subjects.

It is also open to others whose previous education is such that they can, in the opinion of the professor in charge, pursue the course to advantage.

No entrance examinations will be required, but a certain degree of proficiency in drawing and the rudiments of architecture is expected.

Special students may enter at any time and pursue any class of work for which they are fitted.

The course comprises all the technical architectural work in the four years' course.

Synopsis of Special Course.

Drawing—Projections, shades and shadows, perspective.

Rendering—Pen and ink, wash and water color.

Architectural history complete.

Design, elements of architecture, orders, pilasters, pediments, inter-columniations, arcades, doors, windows, balconies, balustrades, domes, towers, etc.

Elementary design, theory of composition, proportion, etc.

Architectural composition, problems.

Particular attention will be given to the problems of the Washington Architectural Club, other clubs of the Architectural League of America, and the Society of Beaux Arts Architects.

ASTRONOMY.

PROFESSOR RICE, Head of Department.

1. General Descriptive Astronomy. Young's General Astronomy, with occasional lectures.

Whenever circumstances permit, students will observe telescopic objects of interest, and also make the fundamental observations of practical Astronomy. Two hours.

2. Mathematical and Theoretical Astronomy. Theory taught mainly by lectures, supplemented by the solution of problems and practical computations. This course presupposes a thorough training in Mathematics. Two hours.

BIBLICAL LITERATURE.

PROFESSOR POLLARD, Head of Department.

1. The Mosaic Legislation—a study in the laws and social customs of the Hebrews. Two hours, first term.

2. The Lyric Poetry of the Hebrews—a study in the nature and growth of the Psalter. Two hours, second term.

3. Hebrew Prophecy—with special emphasis upon the nature and development of the Messianic idea. Two hours, first term.

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4. The Wisdom Literature of the Hebrews—including a study of Proverbs, Job, Ecclesiastes, and Song of Songs. Two hours, second term.
5. History of the Hebrew People—studied in the light of modern excavation and research. Two hours.
6. Life and Times of Jesus, with study of the Apostolic Age. Two hours.
7. The Hebrew Language—grammar and reading in historical and prophetic books of the Old Testament. Two hours.
8. The New Testament Greek. Readings in the Gospels and the Epistles. Two hours.
9. The History of the Bible as a Book. Its transmission from early days to the present time; influence of English versions upon modern life and letters. One hour.

BOTANY.

PROFESSOR LAMSON-SCRIBNER, Head of Department.

ASSISTANT PROFESSOR WILLIAMS.

1. Structural and Systematic Botany.

The year is devoted to general organography, morphology, and the systematic relationships of flowering plants and the higher cryptogams, with brief outline reviews of the remaining groups. *Field excursions* are given whenever practicable, and the student is expected to become familiar with the determination of ordinary flowering plants and vascular cryptogams, and to be able to recognize the principal groups at sight. Special attention is given to the larger and more difficult families of flowering plants, such as the gramineæ, compositæ, and leguminosæ. The student is also instructed in the proper manner of collecting and preparing plants for the herbarium and directed in beginning the preparation of a local herbarium. Two hours.

Text-books: Bastin's College Botany; Gray's Manual of Botany of the Northern United States.

Reference books: Gray's Structural Botany; Knowlton, Directions for Collecting Recent and Fossil Plants; Britton and Brown, Flora of the Northern United States and Canada.

2. Histological and Physiological Botany.

The year is devoted to lectures and laboratory work in histology and physiology. The cutting of sections and staining and mounting of botanical objects is described and illustrated, and the student is instructed in the use of the compound microscope in botanical research. The vegetable cell and the various tissues entering into the structure of the higher plants are studied in detail, and the principles governing the phenomena of plant physiology are illustrated by experiments in the laboratory. Two hours.

Reference books: Goodale's *Physiological Botany*; Bessey's *College Botany*; Westermaier-Schneider, *A Compendium of General Botany*; Zimmerman-Humphrey, *Botanical Microtechnique*; Vines, *Lectures on the Physiology of Plants*.

3. Cryptogamic Botany.

This course includes lectures, reading, and laboratory on the structure, morphology, physiology, and biology of the cryptogams. Representatives of the various groups are studied in the laboratory, and field excursions are given for the purpose of collecting and studying the cryptogamic flora of the region. Special attention is given to fleshy fungi, parasitic fungi, bacteria, and fresh-water algae. The student is instructed in the best methods of collecting and preparing these plants for preservation in the herbarium or laboratory for study, and is required to make a small collection of the local flora. Two hours.

Reference books: Bennett and Murray, *Cryptogamic Botany*; Bessey, *College Botany*; Vines, *A Student's Text-book in Botany*; and various monographic works on special groups.

NOTE.—Courses 2 and 3 will be given on alternate years, and must be preceded by course 1.

4. Special courses for teachers in the public schools and others desiring to take up special or advanced lines of work may be arranged upon consultation with the professor, provided that students in sufficient number present themselves.

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CHEMISTRY.

PROFESSOR MUNROE, Head of Department.

DR. CHATARD, Lecturer on Chemical Engineering.

DR. WHITEHEAD, Lecturer on Metallurgy.

DR. FIREMAN, Assistant Professor of Organic Chemistry.

MR. BOWEN, Assistant in Assaying.

MR. STORM, Assistant in Chemistry.

MR. HOPKINS, Assistant in Chemistry.

1. General Chemistry, a series of illustrated lectures, accompanied by recitations and exercises, on theoretical, inorganic, organic, and technical chemistry. Three hours.
Text-books: Barker's, Reusen's, and Bloxam's Chemictries.

2. Laboratory Practice, a laboratory course for the study of the principles of chemistry and the methods of conducting chemical experiments. Five hours.
Text-book: Cooke's Laboratory Practice.

3. Preparation of and Study of the Properties of Chemical Substances. Five hours.
Text-books: Thorpe's Inorganic Chemical Preparations; Appleton's Easy Experiments of Organic Chemistry.

4. Qualitative Analysis, a laboratory course in the study of the properties and reactions of chemical substances, and of the means employed for their detection and identification. Twelve hours.
Text-books: Clowe's and Fresenius' Qualitative Analysis; Newth's Manual of Chemical Analysis.

5. Quantitative Analysis, a laboratory course in the quantitative estimation of the constituents of a specially selected and typical set of chemical substances, which are particularly adapted for teaching the student the aims and methods of quantitative chemical analysis and for imparting facility in manipulation. Fifteen hours.
Text-books: Fresenius' Quantitative Analysis; Newth's Manual of Chemical Analysis.

6. Technical Analysis and Industrial Processes, a lecture and laboratory course in which the elements of chemical engineering will be taught, and special attention will be given to rapid commercial methods of analysis. Twelve hours.

Text books: Hempel's Gas Analysis, Phillips' Engineering Chemistry, Wagner's Chemical Technology, Allen's Commercial Organic Analysis.

7. Assaying and Metallurgy of the Precious Metals, carried on by the methods used by the Government assayers, the laboratory being fitted up on the plan of that of the United States Mint. Twelve hours, for three months.

Text-books: Brown's Manual of Assaying, Rickett's Assaying.

8. History and Philosophy of Chemistry, an illustrated lecture course offered gratuitously to all students in the Department and given at irregular intervals.

9. Chemistry of the Carbon Compounds, a laboratory course in the preparation and study of the properties of a characteristic series of organic compounds. Twelve hours.

Text book: Gattermann's Practical Methods of Organic Chemistry.

10. Modern Methods of Iron and Steel Analysis, a laboratory course for which a large amount of valuable material has been accumulated. For checking the work, samples which have been analyzed by some of our most eminent specialists are available. Fifteen hours.

Text-book: Blair's Chemical Analysis of Iron.

11. Chemistry of Explosive Substances, a laboratory and field-work course in the preparation and in the study of the properties and methods of analysis of explosive bodies. Fifteen hours.

Text-book: Munroe's Chemistry of Explosives.

12. Advanced course in Organic Chemistry, Berthsen's Text-book of Organic Chemistry.

13. Lectures on the Principles of Analysis.

14. Metallurgy of Iron and Steel, a course of lectures and readings. One hour.

Work completed in this Department is accepted as the equivalent of similar work required in the Medical School.

Special attention is paid in all courses to the methods of making notes. Students are given practice in making abstracts. All are required to consult the current periodicals and works of reference. Advanced students will prepare a bibliography on some special topic.

Students must provide themselves in all the laboratory courses with note books, towels, suitable clothing, and the necessary equipment for the work. Apparatus and material are supplied by the University.

CIVIL ENGINEERING.

PROFESSOR PRESSEY, Head of Department.

MR. BAKENHUS, Instructor.

1. Land and Topographical Surveying, with theory and use of instruments, two hours; Practical Exercises and Field-work in October, November, March, and April, four hours.
2. Hydraulic Engineering (Canals, Rivers, Harbors, and Irrigation), one hour, and Constructive Exercises, one hour.
3. Railroad and Highway Engineering, two hours; Field-work as in course 1.
4. Masonry Construction, one hour; Constructive Exercises, two hours.
5. Sanitary Engineering, two hours; Design, two hours.
6. Materials of Construction, two hours; Exercises, one hour.
7. Framed Structures, three hours; Design, two hours.

DRAWING.

PROFESSOR THURSTON, Head of Department.

ASSISTANT PROFESSOR MUIR.

1. Mechanical Drawing, a general course; two hours, with supplementary exercises; Freshman year:

- a. Elementary, geometrical, and graphical constructions.
 - b. Elementary projections, sections, intersections, and developments.
 - c. Elements of isometric drawing and perspective.
 - d. Dimensioning, lettering, conventional symbols.
2. Machine Drawing, a general course in drawing-room practice; one hour: Sophomore year.
 3. Machine Drawing, a course for Mechanical and Electrical Engineering students; four hours for one term; Sophomore year:
 - a. Projections of intersections and their developments.
 - b. Elementary "working drawings."

ADDITIONAL COURSES FOR SPECIAL STUDENTS.

4. Topographic Drawing: two hours, supplemented by practice:
 - a. Technical lines.
 - b. Hypsographic expressions, including contours, hachures, and shading.
 - c. Topographic, cadastral, and public culture symbols.
 - d. Scales and platting.
 - e. Projections, reductions, and enlargements.
 - f. Compilation, plain and in color.
5. Topographic Modeling and Field-work, including collection of data, the platting of contours, and the construction of card-board and plaster models. Two hours, supplemented by field-work.
6. Patent Office Drawing, as required by the rules of the United States Patent Office. Two hours.
7. Lettering as applied to Topographic, Architectural, and Mechanical Drawing. Two hours.
8. Mechanical Drawing for beginners:
 - a. Geometrical problems.
 - b. Projections and developments.
 - c. Working drawings, sketches, details, etc.

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9. Mechanical Drawing for students having no knowledge of mathematics.

Designing by means of graphic methods and empirical formulae.

ENGLISH.

PROFESSOR WILBUR, Head of Department.

Courses of study in the Department of English are classified, according to their distinctive character, as either rhetorical or literary. The purpose of the first group of studies is (1) to discover by analysis principles of style; (2) to form by constant practice a style based on these principles; (3) to trace the evolution of a standard of writing by a study of prose masterpieces from Elizabeth's time to the present. The purpose of the second group of studies is to give the student acquaintance with the great representative writers, and to cultivate power of appreciation and refinement of taste by a study of the best literature.

All of the English subjects are correlated with a view to consecutive study. Candidates for a degree may distribute these through four years, as follows: Freshman year, Courses 1, 4; Sophomore year, Courses 2, 3; Junior year, Courses 7, 6; Senior year, Course 8. Freshman English is required in all courses of study leading to a degree. The Language and Literature Course requires English 2 in the Sophomore year: three hours a week of English in the Junior year, and two hours of English in the Senior year. The Library Science Course requires English 2 and 3 in the Sophomore year, and English 7 and 6 in the Junior year.

Special students may profitably take these subjects in two years, as follows: First year, Courses 1, 2, 4; second year, Courses 3, 6, 7, 8.

Rhetoric and Composition.

1. Practical Rhetoric. Rhetorical analysis and composition. (Text-books, *Practical Elements of Rhetoric*, Genung; *Handbook of Rhetorical Analysis*, Genung.) This course presupposes a knowledge of the elements of rhetoric. Two objects are contemplated: (1) A verification of rhetorical theories by the analysis of selec-

tions from the best writers, with definite, practical deductions to guide in criticism and composition; (2) the application of rhetorical rules in paragraph and theme writing. Freshmen. Two hours.

2. English Prose. A critical study of representative prose works in chronological order from the time of Elizabeth, tracing the development of prose style and literature. Two hours.

3. English Composition. (Text-book, Wendell's *English Composition*.) Practice in various forms of discourse and studies in criticism. This is an advanced course in English composition. Essays are written weekly. These are exchanged and the hour is used in writing criticisms upon them. Essays and criticisms are finally revised and returned. One hour.

Language and Literature.

4. The Literature of England. A lecture course, historical and critical. Members of class will read Taine's *History of English Literature* and make a special study also of some period. Freshmen. One hour.

5. Spenser and Milton. A comparative study of Elizabethan and Puritan Poetry. Two hours, first term. *Not offered in 1899-1901.*

6. The Literature of America. Lectures in history and criticism; discussions and papers on representative men and books. Two hours, second term.

7. The English Novel. Development of the Novel, with critical studies of selected works. Two hours, first term. *Not offered in 1899-1900.*

8. Shakespeare. Selected plays studied comparatively. Moulton's *Shakespeare as a Dramatic Artist* is used. The *Temple Shakespeare* is recommended. Two hours.

9. Old English. Elementary course. (Text-books: *First Book in Old English*, Cook; *Exercises in Old English*, Cook). The essentials of the grammar and reading of selections from Old English texts. One hour.

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FINE ARTS AS APPLIED TO ARCHITECTURE.

PROFESSOR AMATEIS, Head of Department.

MR. MEYER, Instructor in Fine Arts.

MR. SAYER, Instructor of the Perspective Class.

MR. BRADBURY, Assistant in Architectural Drawing.

1. Free-hand Drawing. One hour.

2. Architectural Drawing. (The five orders.) One hour.

3. Architectural and Ornamental Drawing. Six hours, Sophomore year.

4. Architectural and Ornamental Drawing. Six hours, Junior year.

5. Architectural and Ornamental Drawing. Six hours, Senior year.

6. Modeling.

7. Lectures on the History of Ornaments, Painting, and Sculpture.

The work in courses 3, 4, and 5 is so arranged as to illustrate architectural ornamentation and decoration discussed in the lectures on the history of architecture, and to furnish skill and practice in the treatment of the assigned problems in architectural design.

Special attention is given to the study of the different styles in architecture and ornament.

The Free-hand class includes practice in landscape and figure, taught by means of pencil, pen, and wash, from drawings, from casts, or from nature.

The Perspective and Water-color class includes the study of perspective and practice in water-color for students in Architecture.

Mr. Meyer and Mr. Sayer will make arrangements for special courses—lessons to be given during the day or the evening.

GEODESY.

PROFESSOR GORE, Head of Department.

1. As supplementary to the course in Engineering, instruction is offered in Geodesy, embracing base-line measurement, adjustment of triangulation, computation of geodetic coördinates, and a discussion of the figure of the earth.

Text-book: Gore's Elements of Geodesy, 3d edition.

GEOLOGY AND MINERALOGY.

PROFESSOR MERRILL, Head of Department.

DR. STANTON, Instructor in Paleontology and Stratigraphical Geology.

MR. TWITCHELL, Assistant in Geology.

Mineralogy.

1. Descriptive Mineralogy. Two hours, first term.
2. Determinative Mineralogy. Four hours, second term.

Geology.

1. Systematic Geology: Geognosy: Dynamical, Structural, and Stratigraphical Geology. Two hours. Text-books: Scott's Introduction to Geology: Merrill's Rocks, Rock-weathering and Soils.

2. Economic Geology. Two hours. Text-books: Kemp's Ore Deposits of the United States: Merrill's Stones for Building and Decoration.

Mineralogy is taught as introductory to Geology. The course is therefore designed with especial reference to minerals as rock constituents or as segregated in ore deposits. So far as possible, the course is practical, and includes a study of the ores of the base and precious metals and their associates, and the non-metallic minerals, as the natural salts and the hydrocarbon compounds. Opportunity is given the student to become familiar with blowpipe and qualitative methods of determination, and

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access is given to a varied collection, showing the minerals not merely in their pure and well crystallized forms, but in massive and granular forms, associated with gangue products and other impurities as occurring in nature.

The course in Geology consists of lectures, recitations, laboratory and field work. Opportunity is given the students in the laboratory, and, so far as hours will permit, in the field as well, to familiarize themselves with the appearance and general characteristics of rock masses. Text-book recitations are supplemented by lectures on the subjects of rock-formation by sedimentation, metamorphism, and vulcanology, and, so far as time allows, on the methods of study by means of the microscope and thin sections (micropetrology). Under the head of Applied Geology are considered, mainly by lectures and laboratory practice, the subjects comprised under (first) mineral veins and metalliferous deposits, their mode of occurrence, origin, and classification; (second) the ores of iron, copper, lead, zinc, tin, silver, gold, mercury, manganese, antimony, etc.; and (third) the non-metallic minerals, as the coals and hydrocarbon compounds; salts and materials used in chemical manufactures; abrasive, refractory, and fictile materials, mineral pigments, gems and ornamental stones, building stones, limes and cements, and mineral waters.

Paleontology is treated as a branch of geology, with special reference to its use in stratigraphy and correlation. As an introduction to the subject, representatives of the principal invertebrate types are studied. The successive faunas are then taken up, and the most characteristic forms are studied in connection with the distribution and stratigraphy of the sedimentary rocks of each period.

GERMAN.

PROFESSOR SCHOENFELD, Head of Department.

MR. HYDE, Instructor.

1. Accurate training in elementary grammar; pronunciation and translation from English into German; exercise in conversation; readings from the easier German prosaists and poets. Two hours.

2. More extended course in German syntax and principal difficulties of the language, idioms, etc.; extensive translations into German; selected stories: Gore's Science Reader, fourth edition; one or two classics. Two hours.
3. Study of idioms, synonyms, and Sander's *Hauptschwierigkeiten der deutschen Sprache*; special preparation for scientific professional work; Helmholtz on Goethe's work in natural history (edition of Seidensticker); Humboldt's *Kosmos*; critical studies of German classics; lectures on German literature. Two hours.
4. A special course in German training for advanced students in the Historic and Economic Departments. Schoenfeld's German Historical Prose and the standard works of German historians and economists will be read. Two hours.
5. An elective course in German conversation will be instituted from the start and conducted with systematic gradation for students of all grades.

GREEK.

ASSISTANT PROFESSOR DALES.

1. Elementary Greek. The thorough mastery of the forms is the object of the first year's work. Constant practice is afforded in translating from Greek into English and from English into Greek. An outline of Greek syntax is acquired. During the latter part of the year the first book of the *Anabasis* is read. Text-books: White's First Greek Book; Goodwin's *Anabasis*. Two hours.
2. First half year, *Anabasis*, Books ii and iii, accompanied by a more thorough study of syntax and review of forms. During the second half year the first three books of the *Iliad* are read, with some study of the origin and development of Epic poetry. Two hours.
3. First half year, further study of Epic Poetry, accompanied by the reading of a portion of the *Odysey*. The second half year is devoted to Herodotus. A careful study of the dialect is

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made and some attention is paid to the origin and development of History. Two hours.

4. Greek Oratory. The origin and development of Oratory among the Greeks is fully traced, and especial emphasis is placed upon its importance in any historical study of Greek style. Selections from various orators, especially Lysias and Demosthenes, are read and discussed in class. Two hours.

5. Greek Drama. The work in this course is more advanced, and deals largely with matters literary and historical. Selections from Attic tragedy and comedy are read and discussed. Two hours.

All courses are accompanied by study in grammar and composition.

Courses 1 and 2 do not count for a degree.

Literature and Linguistics.

6. Greek Literature: A course of lectures tracing the history of Greek literature to the close of the classical period. This course is designed not merely for Greek students, but for all who are interested in literary studies. A knowledge of Greek is not necessary. One hour.

7. Linguistic Science: A course of lectures, with some use of a text-book in the latter part of the year. The course is designed for students of either ancient or modern languages. The general principles of Linguistic Science are outlined and illustrated, and sketches are given of the various languages of the Indo-European family. No knowledge of Greek or Latin is necessary. One hour.

8. Elementary Sanskrit: A fair knowledge of either Greek or Latin is presupposed. The fundamental principles of Sanskrit grammar are set forth by the use of a grammar and by informal lectures. The latter part of the year is devoted to the reading of easy narrative. Two hours.

HISTORY.

PROFESSOR FARQUHAR, Head of Department.

ASSISTANT PROFESSOR PRIEST.

1. American History. Text-books: Eliot, Fiske, Johnston. Reference books: Bancroft, Adams, Von Holst, McMaster, Eggleston. Two hours.

2. Ancient History. Text-books: Myers' Eastern Nations and Greece; Allen's Roman People. Reference will be had to all available works on the subjects pursued. Instruction will be given by lectures, with special reference to cause and effect and the great underlying principles of History. To reproduce vividly the life and thought of each age, with a tracing of the lessons and comparisons to be drawn from the same, will be the constant aim. The connection of the subcourses—Egypt, Chaldea, Assyria, Greece, and Rome—is such that new students can with advantage take up the course at any time in the year. Two hours.

3. Mediæval History. Text-books: Myers, Bryce, Church. Reference books: Gibbon, Hallam, Guizot. Two hours.

4. Modern History. Lecture course. Text-book: Myers. Two hours.

5. English History. Text-books: Airy, Green. Reference books: Freeman, Froude, Macaulay. Two hours.

6. Bible History. Lecture course. Reference books: Ancient History generally, with Edwald, Renan. Two hours.

Instruction in this department is given both by text-books and lectures. The method is rational and comparative rather than precise and mechanical: the course of human progress and development, the growth of institutions and civilization, receives more emphasis than separate facts. Essay-work is required. The unequalled facilities for historical research afforded by the Capital of the Nation are held in view of the classes.

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LATIN.

PROFESSOR CARROLL, Head of Department.

ASSISTANT PROFESSOR DALES.

1. Elementary Latin. A thorough drill in forms is given. This is facilitated by constant practice in translating from English into Latin and Latin into English. Text book: Collar and Daniel's First Latin Book. During second term selections from *Viri Romae* are read. Two hours.

2. Nepos and Cesar. A thorough drill in syntax is given. Prose composition once a week. Two hours.

3. Selected Orations of Cicero. Careful study of periods of Cicero. Lectures on Roman Oratory. Two hours, first term.

Vergil. An effort is made, through the study of versification and poetical usage, to get an appreciation of the poetry of Vergil. Two hours, second term.

Prose composition throughout the year.

4. Cicero's *De Senectute*, Odes of Horace. Special attention is given to scansion. Several of the odes are memorized. Two hours, first term.

Livy. Books I and II, or XXI and XXII. Study of early history of Rome or of second Punic war. Two hours, second term.

Prose composition throughout the year.

5. Selected Letters of Pliny, Satires and Epistles of Horace. Those satires and epistles are read which best illustrate Horace and his time. Two hours, first term.

Tacitus, Germania and Agricola, Selected Letters of Cicero. Careful attention given to peculiarities of style of Tacitus. Prose composition. Two hours, second term.

6. Comedy. Plautus (*Captivi*), Terence (*Phormio*). Study of early Latin. Lectures on relation of Roman comedy to Greek comedy. Two hours, first term.

Lucretius, Selections. Brief study of the philosophy of the poem. Two hours, second term.

Courses 1, 2, and 3 do not count for a degree.

Classical Archaeology.**PROFESSOR CARROLL.**

The public collections of Washington afford considerable illustrative material for the study of Greek and Roman Life and Art, and the importance of this study to the students of the classics cannot be too strongly emphasized. Thus the Corcoran Gallery of Art has an excellent collection of plaster casts of Greek and Roman sculpture, and the Halls of the Ancients, with its reproduction of a Roman house, its Panorama of Rome, and numerous engravings and models, presents an unusual opportunity for the study of Roman life. Permission to meet classes in these buildings has been obtained, and the following courses are offered:

1. **Introduction to Greek and Roman Sculpture.** A systematic study of the masterpieces of antique sculpture as reproduced in the casts of the Corcoran Gallery of Art. Once a week, first half session.

2. **The Private Life of the Romans.** A study of the Roman house, its architecture, furniture, and ornamentation; family life, education, and amusements; dress, arms, and armor; religious festivals, rites, and ceremonies, and other aspects of Roman life.

LIBRARY SCIENCE.**PROFESSOR SPOFFORD, Head of Department.****ASSISTANT PROFESSOR PRESNELL.****ASSISTANT PROFESSOR CUTTER.**

The course in Library Science was instituted in October, 1897, and during the year 1899-1900 twenty-seven students have registered for the work. The intention is to provide such practical instruction as shall fit students for positions as librarians or library assistants, making the instruction thorough, and training pupils for habits of research, qualifying them for other equally advanced employments.

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1. Elementary Cataloguing. Practice in cataloguing such books as will best illustrate the main features of cataloguing. Cards are returned to students after correction, and may be preserved. Lectures will be given on catalogue rules, on the different forms of printed and written catalogues, on methods of duplication, and on the mechanical accessories used. Two hours.

2. Accession Department Work. Inspection and purchase of books. Reception, checking bills, collation, preparation for shelves. Accessioning. Order slips, order and serial blanks. One hour.

3. Elementary Classification and Shelf Department Work. Lectures on classification systems and notations; on shelf arrangements, shelf-listing, and stock-taking. One hour.

4. Library Administration. Loan systems. Methods of registering borrowers; charging systems; delinquent notices, fines: inter-library loans. One hour.

5. Typewriting. Two hours.

6. Library Administration. Accounts. Statistics of readers and reading, care of supplies, etc. One hour.

7. Library Administration. Care and preservation of books. Book-binding and repair or restoration. Injuries from heat, gas, damp, insects, thefts, mutilations, etc. Treatment of periodicals and pamphlets. One hour.

8. Library Administration. Rules, access to shelves, library advertising, librarian's reports, relations to trustees or library authorities; buildings, furniture and fittings, light, heat, and ventilation; selection of assistants, salaries, leave, hours, etc. One hour.

9. Advanced Cataloguing. Preparation of a dictionary catalogue on the most advanced plan. Finding lists and accession lists. Printed catalogues. Cataloguing rarities. Government publications. Two hours.

10. Bibliography. Universal, national, trade, and special bibliographies. Preparation of bibliographies and finding lists. Methods of citation and abbreviation. History of printing, paper, publishers, etc. Two hours.

11. History of Libraries. American, foreign. Copyright, in relation to libraries and literature. Qualifications of a librarian. One hour.

12. Reference Work. Helps for reader and student. Reader's guides. Note-taking and indexing. Preparation of abstracts. Reading methods. Two hours.

13. The library and the public. Organization of libraries. Library commissions and legislation. Traveling libraries. Library associations. Uses of the library to the university, the common school, the citizen, the official. One hour.

14. Preparation of thesis. Each student will be expected to present a thesis which will show the ability to do independent work. The member of the faculty having the student under his instruction in the branch on which the thesis is written will render all needed assistance.

In each of the subjects in the course extra time may be required for the practice necessary to put the facts taught to use.

MATHEMATICS.

PROFESSOR HODGKINS, Head of Department.

MR. HODGKINS, Instructor.

(A.) Elementary Algebra: Three hours. Bowser's College Algebra.

(B.) Plane Geometry: Three hours. Gore's Plane and Solid Geometry.

1. Algebra: Three hours. Bowser's College Algebra.

2. Geometry: Two hours. Gore's Plane and Solid Geometry.

3. Trigonometry: Three hours, first term. Crockett's Plane and Spherical Trigonometry.

4. Analytic Geometry: Three hours, second term. Bowser's Analytic Geometry.

5. Calculus: Two hours. Bowser's Calculus.

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6. Differential Equations: Two hours. Johnson's Differential Equations.

7. Least Squares: Two hours, ten weeks.

A lecture course, with references to Merriman's Least Squares and Wright's Treatise on the Adjustment of Observations.

8. Determinants: Two hours, ten weeks. Weld's Determinants; Hanus' Determinants.

9. Quaternions: Two hours, ten weeks. Hardy's Quaternions.

10. Analytic Geometry of Three Dimensions: Two hours, ten weeks.

11. Theory of Equations: Two hours, ten weeks.

12. History of Mathematics.

Courses A and B are preparatory courses, intended for beginners, and do not count for a degree. It is expected that students entering courses 1 and 2 will have studied plane geometry, and through quadratic equations in algebra; but as a thorough and ready knowledge of these elements is essential to a proper understanding and mastery of the subsequent courses, and as many who have not studied mathematics for some years wish to enter these classes, it has been customary to devote the first part of the year to a careful but rapid review of some of the earlier parts.

Courses 7 to 12 are short lecture courses, and, while intended especially for students who wish only the elements of the subjects, they serve as preparation for the advanced courses described under the School of Graduate Studies. Usually only three of these five courses will be given each year.

MECHANICAL ENGINEERING.

PROFESSOR AYRES, Head of Department.

1. Machine Design. Proportioning of the following machine parts: Fastenings, toothed and belt gearing, rotating and sliding pieces, bearings, and connecting rods.

Text-book: Klein.

Four hours, second term, Sophomore year.

Four hours, first term, Junior year.

2. Kinematics. Nature of mechanisms. Diagrams of the changes of position and speed in mechanisms.

Text book: Kennedy.

Three hours, second term, Sophomore year.

Two hours, first term, Junior year.

3. Boilers. Location, construction, strength, and wear and tear of boilers.

Text book: Peabody and Miller.

Two hours, second term, Sophomore year.

4. Thermodynamics. The steam-engine and other heat engines.

Text-book: Ewing.

Three hours, Junior year.

5. Mechanical Technology. Shop visits. Examination of processes and appliances pertaining to pattern-making, molding, casting, forging, and finishing.

Four hours, Junior year.

6. Mechanics of Machinery. Graphical statics of mechanisms.

Text-book: Hermann-Smith.

Three hours, second term, Junior year.

7. The Mechanical Engineering of Power Plants.

Text-book: Hutton.

Three hours, second term, Junior year.

8. Machine Design. Theory of and calculations for a high-speed steam-engine.

Text-book: Klein.

Four hours, Senior year.

9. Mechanics of the Machinery of Transmission.

Text-book: Weisbach-Hermann.

Four hours, Senior year.

10. Measurement of Power. Practical work in indicating steam-engines, determining the evaporative efficiency of boilers, &c.

Five hours, Senior year.

METEOROLOGY AND ITS APPLICATIONS.

PROFESSOR ABBE, Head of Department.

ASSISTANT PROFESSOR MARVIN.

The courses in Meteorology in the Scientific School and the School of Graduate Studies are designed to give a complete review of the present condition of that science, and they are necessarily extended through five years, but the lectures are so arranged that each of the five divisions is complete in itself. Each course presents a detailed view of its branch of the subject, such as may be desired by students who need this information in connection with other branches of knowledge to which they are specially devoting themselves.

In addition to the lectures, the professor devotes one hour a week to a "quiz" class, in which, by questions and answers, he seeks to remove any difficulties that remain.

1. Observational Meteorology. The student will keep a personal diary of the meteorological conditions. The lectures will relate to instruments and methods of observing, computing, and graphic presentation of results. Two hours.

2. General Climatology. The lectures will cover all the elements of climate and some of the physical processes explaining the phenomena, the theory of probabilities so far as it is applied to climatology and the determination of the coefficients or other factors that represent climatological peculiarities. Two hours.

3. Special subjects in climatology and meteorology and the relation of climate to geology, vegetation, anthropology, hygiene, and human industries. Two hours.

PHILOSOPHY.

PROFESSOR DUMM, Head of Department.

1. Logic, Deductive and Inductive. Text-books: Jevons-Hill, Elements of Logic, and Fowler's Inductive Logic, with special reference to Hyslop's Elements of Logic and readings by

the class in Lotze's *Outlines of Logic*. Considerable practice is required in applying the principles to concrete examples, for the sake of discipline as well as insight into the method of the mind in correct thinking. The course closes with lectures on the classification of the sciences. Two hours.

2. Psychology. Lectures on general psychology the first term. After viewing the fundamental processes of the mental life the field of systematic psychology is treated in order, the scope of this term's work including so much as is essential of the physical basis and correlations of conscious processes on the one hand, and leading up on the other hand to those more general problems which grow out of the consideration of mental phenomena. The works of Ladd, James, and Dewey are the more immediate basis of the lectures, the class using Ladd's *Outlines of Descriptive Psychology* as a handbook for many of the topics, and doing collateral reading for this and the remainder of the course in the above authors and others including Baldwin, Titchener, Höffding, Wundt, Sully, Lotze, Scripture, Sanford, Halleck, Harris, and Rosenkranz.

In the second term special aspects of psychology are treated more in detail on the basis of the work of the first term:

a.) Physiological Psychology. The anatomy and physiology of the nervous system are examined by means of dissections, models, microscopical slides, and experiments, the chief problems of psycho-physics and psychometry being experimentally indicated.

b.) Experimental Psychology. A course of experiments on the senses, including the use of the color wheel and special attention to monocular and binocular vision. The laws of suggestion are especially brought out in these experiments.

c.) Psychologic Foundations of Education. An examination of the mental life in its development, with reference to the problems and methods of so conducting the growth and coördination of its forms in the various stages as to produce the best attainable results in educational processes and the broadest participation in the life of the world. The work of above name by Dr. William T. Harris is read with the class.

Thesis. At the proper point in the course each student selects some topic for special study and presents his paper before the class for discussion and criticism. Two hours.

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3. Ethics. A survey of ethical theories, on the basis of Sidgwick's History of Ethics, is combined with constructive work in theory of ethics, with Dewey and Mackenzie as guides. For special topics and for the bearing of ethical philosophy upon allied sciences, other references include such authors as Sidgwick, Martineau, Green, and Calderwood, together with Basson's Social Theory and Smyth's Christian Ethics. Thesis required. Two hours.

PHYSICS AND ELECTRICAL ENGINEERING.

PROFESSOR WOLFF, Head of Department.

MR. REISNER, Laboratory Assistant.

1. General Physics. Three hours. First term: Mechanics, Sound, and Heat. Second term: Light, Electricity, and Magnetism. Text-books: Glazebrook's Mechanics; Ames' Theory of Physics.

2. Elementary Mathematical Theory of Electricity and Magnetism. Three hours, first term. Text-book: S. P. Thompson's Elementary Lessons in Electricity and Magnetism.

3. Dynamo-electrical Machinery. Three hours, second term. Text-book: Hawkins and Wallis, The Dynamo.

4. Advanced Mathematical Theory of Electricity and Magnetism. Three hours, first term. Text-book: Gerard's Electricity and Magnetism (translated by Duncan).

5. Dynamo-electric Machinery. Advanced course. Three hours, second term. Text-books: S. P. Thompson's Dynamo-electric Machinery and Polyphase Currents; Jackson's Alternating Currents.

6. Technical Applications of Electricity. Two hours.

A course covering the most important applications of electricity: Telephony, Telegraphy, Lighting, Power Transmission, Electro-metallurgy, Electro chemistry, etc., with special attention to the latest methods adopted.

To be taken with course 14.

7. Advanced Physics. A mathematical course intended to acquaint the student with the methods of mathematical physics, and as an introduction to the more advanced courses in the School of Graduate Studies. Three hours, second term.

8. Physical Chemistry. An elementary course with special reference to the modern theories of solutions and electro-chemistry. Two hours.

9. Elementary Laboratory Work. Fundamental measurements and experiments in all branches of Physics. Three hours, both terms, or five hours, second term.

10. General Electrical Measurements. A laboratory course for Juniors in the Electrical Engineering Course. Six hours. Text-book : Carhart and Patterson's Electrical Measurements.

11. Advanced Laboratory Work for Juniors. This includes such experiments as those described in the laboratory manuals of Glazebrook and Shaw, Stewart and Gee, and Nichols. Six hours.

12. Advanced Laboratory Work for Seniors in the Electrical Engineering Course. Dynamo and motor-testing, determinations of characteristics, etc. Six hours.

13. Advanced Laboratory Work for Seniors in the course in Physics and Mathematics. Students first repeat a number of classic researches in experimental physics, and with this preparation undertake original work under the guidance of the head of the department.

14. Inspection of Electric Light and Power Plants, etc. In and around Washington and Baltimore are a number of the most modern electric-lighting and street-railway plants, telephone exchanges, telegraph operating-rooms, etc., which afford students of electrical engineering an excellent opportunity to familiarize themselves with nearly all types of electrical apparatus in use. The visits are followed by a class discussion.

Occasional meetings are held at which papers on special subjects are read by advanced students.

For a description of the apparatus in the electrical engineering laboratory available for tests, see page 91.

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POLITICS AND ECONOMICS.

PROFESSOR CRAVEN, Head of Department.

DR. WRIGHT, Lecturer on Statistics.

MR. McNABB, Instructor in Business Law.

MR. NEWCOMB, Instructor in Transportation.

Business Law.

1. Practical Business, Commercial and Banking Law:

- (1.) Business Law in general:
Principles on which it rests.

- (2.) The Law of Contracts:

- a. Agency, Partnership, Corporations, Real Estate,
Personal Property, etc.
 - b. Commercial Paper:

- Rights and Duties of Parties to Bills, Notes,
Drafts, and Checks.

- (3.) Descent and Distribution of Property:

- Duties of Executors, Administrators, Trustees,
Guardians, etc.

- (4.) Business Forms and Practice. Two hours.

*Economic Development.*2. The History of Economic Growth among Ancient, Mediaeval,
and Modern Peoples down to A. D. 1500. Two hours,
1901-1902.3. Modern Industrial and Commercial Changes and Legislation
since A. D. 1500. Two hours, 1900-1901.*Politics and Administration.*4. Historical and Practical Politics—Rise and growth of general,
State, and municipal government in the United States.
Two hours, 1901-1902.5. The State; Theories and Forms of Government, Ancient and
Modern. Two hours, 1900-1901.*Statistics and Transportation.*6. Comparative: A numerical study of social relations, with par-
ticular regard to the population, industries, and commerce
of the United States and other leading nations. Two
hours, 1901-1902.

7. Railway Transportation: History and Development of Railways. Theories of Rates, Combinations, State Ownership or Control. Two hours, 1900-1901.

History and Science of Finance.

8. Money, Coinage, Credit, and Banking; Government Paper, U S. Moneys. Two hours, 1901-1902.
9. Public Expenditure, Public Revenue, Taxation, Financial Administration, Budgets and Audits. Two hours, 1900-1901.

Political Economy.

10. An Historical Introduction to the Study of Political Economy. Two hours, 1901-1902
11. The Principles of Economics. Two hours, 1900-1901.

Sociology.

12. The Principles of Sociology. Two hours, 1900-1901.
13. A Study of Individualism, Socialism, and of the Practical Social Problems of State and Municipal Administration in Respect to Sanitation, Charities, Crime, etc. Two hours, 1901-1902.

ROMANCE LANGUAGES.

PROFESSOR RAMSEY, Head of Department.

MR. CLARK, Instructor in French.

MR. MAILLET, Assistant in French.

MR. FAULKNER, Assistant in Spanish.

French.

1. As the aim of the instruction during the first year is to give the students a working knowledge of the language, their efforts are centered upon its grammatical construction and the acquisition of a vocabulary. By the end of the year the class is expected to have mastered the essentials of the grammar, and to be able to read easy French prose and to understand it when spoken. To this end the French language is used as far as practicable as a medium of instruction. Two hours.

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Text-books: Chardenal's French Course; Bercy, *La Langue Française* (part 1); Roulier's First Book of French Composition; Verne, *Expédition de la Jeune-Hardie*; Berthet, *Le Pacte de Famine*.

2. Continuation of the study of grammatical construction, with exercises in composition and conversation. Occasional lectures in French on topics of general interest. Oral drill in sight rendering of English into French. Study of synonyms and idioms. Two hours.

Text-books: Whitney's Practical French Grammar; Hennequin's French Idioms; Sandeau, Mlle. de la Seignière; Sand, *La Mare au Diable*; Rostand, *Cyrano de Bergerac*.

3. General introduction to the study of French literature. Literary composition and the principles of rhetoric. Lectures on the development of the language and upon prominent periods of the literature. Two hours.

Text-book: René Doumic, *Histoire de la Littérature Française*. The texts read, which must be representative of at least three distinct periods, are selected by the class. In addition to the amount of reading in class-hours, the students are required to examine and report upon twenty literary masterpieces, dating from Villon to the present time. (These works are furnished from the library of the Department.)

4. Advanced prose composition and verbal criticism. Two hours.

Text-books: Roulier's Second Book of French Composition; Méras, *Syntaxe Pratique*; Muzzarelli, *Antonymes de la Langue Française*; Crouslé, *Grammaire Française* (*Cours Supérieur*); Legouvé, *La Lecture en Action*.

5. French Conversation for beginners. (Mr. Maillet.) Two hours.

A four months' course, given twice yearly, beginning October 1 and February 1, intended for members of classes 1 and 2 who desire more instruction in conversation than can be given in the required work of those years.

6. French Conversation for advanced students. (Mr. Maillet.) Two hours.

Spanish.

The instruction in Spanish in this department has always been conducted with especial reference to the constantly increasing intercourse between the United States and the Spanish-American Republics, as much attention as possible being given to the customs, usages, resources, and products of those countries. In view of recent political events, the necessity becomes still more obvious for accentuating the New World features of the Castilian tongue.

7. The class is drilled in pronunciation, in hearing the spoken language, in writing from dictation, and in oral and written translation into Spanish of carefully graded exercises. The essentials of the grammar are presented, accompanied by practice in reading and conversation. Two hours.

Text-books: Ramsey's Elementary Spanish Grammar and Elementary Spanish Reader.

8. More extended presentation of the grammatical structure of the language. Critical and comparative study of syntax and idioms. History and development of the Castilian language and literature. Exercises in literary composition. Reading from standard works of modern Spanish and Spanish-American authors. Two hours.

Text-books: Ramsey's Text-book of Modern Spanish and Spanish Prose Composition; and texts, to be selected as required.

9. Advanced prose composition and verbal criticism. Two hours.

Text books: Ferreyra, Lecciones de idioma castellano; Arpa, Ejercicios prácticos; Valbuena, Ríos académicos and Ríos ultramarinos; Orellana, Cizaña del lenguaje.

10. Spanish conversation for beginners—similar to Course 5 in French. One hour.

Italian.

11. The class is drilled in pronunciation, in hearing the spoken language, and in translating the exercises of the text-book. After the rudiments of the grammar have been mastered

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the class is led at once to the reading of the easier prose authors, ending with the "Alberto" of De Amicis. Two hours.

Text-books: Lemmi's Italian Grammar; Comba, La Lingua Italiana.

12. Further study of the grammatical construction and the principles of syntax and style. History and development of the Tuscan language and literature. Selections from Dante Alighieri, Petrarcha, Boccaccio, Ariosto, Tasso, Goldoni, Pellico, and Manzoni. Two hours.

Text-books: Sauer's Italian Grammar; Montague's Modern Italian Readings.

ZOOLOGY.

MR. BARTSCH, Instructor.

1. A general course in Zoölogy. This will include lectures and laboratory work. The lectures in their scope cover all the branches of the animal kingdom, from the unicellular organisms to mammals, and correlated with these lectures is the study and dissection of type specimens in each group. This course is intended to familiarize the student with biological characters, classificatory laws, and the general principles of evolution.

Lecture, one hour.

Laboratory, two hours.

2. Continuation of the work mapped out in course 1, special attention being given to the comparative histology of animal tissues.

Lecture, one hour.

Laboratory, two hours.

3. A course in Ornithology. In this course special attention will be directed to the study of the birds of the District of Columbia. Frequent field excursions will be made to familiarize the student with the haunts and habits of these forms.

Lecture, one hour.

Laboratory, two hours.

Special courses for teachers in the public schools and others desiring to take up special or advanced lines of work may be

arranged upon consultation with the professor, provided that students in sufficient numbers present themselves.

The collections of the U. S. National Museum and the Smithsonian Institution will be consulted in connection with all these courses.

MECHANICAL AND ELECTRICAL ENGINEERING LABORATORY.

A laboratory has been fitted with benches and tools so as to enable students in Chemistry, Physics, and Engineering to construct apparatus needed in their experimental work and researches. The Mechanical Engineering Department is also provided with a valuable collection of machine parts, illustrating the best modern practice, such as shaft-hangers, pedestals, valves, jacks, friction clutches, etc.

It is expected that arrangements will be perfected during the present session to provide the necessary additional testing machines and instruments to give a laboratory course in engineering practice. The lighting and heating plant now being installed in University Hall will form an excellent basis for such work.

A 25 K. W. direct current Westinghouse dynamo, directly connected to a Westinghouse gas engine of the latest type, has been installed. The dynamo was specially constructed to adapt it to experimental requirements, generating both direct and polyphased alternating currents. The surplus power of the Westinghouse gas engine will be utilized in driving smaller dynamos of various types, for testing purposes.

The engine is one of the latest and most improved types of gas engines, being a two-cylinder single-acting engine, giving an explosion every revolution, and an exceptionally close regulation. Provision is made for testing the efficiency of each machine independently, or the combined unit under a great variety of conditions.

In addition to the above, an experimental electrolytic refining plant has been installed, current for which is furnished by a Crocker & Wheeler motor dynamo, giving 150 amperes at 6 volts. Special investigations in electrometallurgy are in contemplation.

The laboratory is being equipped with the necessary measuring apparatus, direct and alternating current ammeters and voltmeters, galvanometers, standard resistances, standard cells, etc.

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UNIVERSITY LIBRARY.

The Library is open every day from 9.15 a. m. until 10 o'clock p. m.

UNIVERSITY LECTURES.

Students of the Corcoran Scientific School are admitted without further fee to the University Lectures; and, when qualified to profit by them, they may secure admission to other lectures given in the Hall of the University by applying to the Dean.

EXAMINATIONS.

Examinations are conducted under the following rules of the Board of Trustees:

" Examinations for degrees in the Columbian College and the Corcoran Scientific School shall be closed at least three weeks before the end of the scholastic year, and the names of all candidates for degrees who have passed a successful examination shall be officially reported by the Faculty of each to the President of the Faculties at least two weeks before the date of Commencement."

" Examinations for prizes in each of the said departments shall be closed at least three weeks before the end of the scholastic year, and the names of the successful candidates for either shall be reported at least two weeks before the date of Commencement."

" No student shall be admitted to an examination for promotion from a lower to a higher class, or to a final examination, who is in arrears for tuition and whose name has not been certified to the Dean of the School (proposing to hold an examination) by the Treasurer."

Professors and Instructors will require students entering examinations to present their certificates from the Treasurer before permitting them to be examined.

REQUIREMENTS FOR DEGREES.

A definite value or weight is assigned to the subjects taught, the unit being, in general, *one recitation a week for a year*, with a

satisfactory examination sustained at the close: but this weight varies for laboratory, designing, and field work.

The Degree of Bachelor of Science is conferred upon a student who successfully completes one of the full courses offered, or other equivalent course, aggregating not less than sixty-eight units, which has been approved by the Faculty.

SCHOLARSHIPS.

Mary Lowell Stone Scholarship, founded as "a memorial to a woman student of science, from a woman, for women students of science," consists of a fund of two thousand dollars, the income from which "is to be paid to needy women students in the Corcoran Scientific School of The Columbian University, at the discretion of the Dean of said School."

Edward T. Fristoe Scholarship has been founded in memory of the first Dean and Professor of Chemistry of the Corcoran Scientific School. The income from this fund is not yet available.

The Carter Scholarships, founded by Mrs. Mary M. Carter in memory of her husband, Henry Harding Carter, consist of five scholarships of the annual value of fifty dollars each, and may be awarded to deserving students who are preparing for the civil engineering profession.

The Powell Scholarships were founded by the late Admiral Powell, U. S. Navy. The income from this endowment is for "the free education of such young men as may desire to take advantage of the said endowment by way of their preparation for entrance into the Naval Academy at Annapolis, Maryland, or such as may fit them to become mates or masters in the Merchant Marine Service of the United States," and of "such apprentices as having filled their time in the great steam manufactory establishments of the country may apply for appointment from civil life in the Steam Engineer Department of the United States Navy." The number of scholarships awarded each year will be determined by the income from the endowment. Each scholarship will entitle the beneficiary to free tuition for one year. Such special courses of study are offered to each student as will give him the instruction needed to accomplish the purpose for which he is awarded the scholarship.

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All awards of scholarships are made for one year only, but may be renewed. Applications for Scholarships should be filed with the Dean not later than September 15th.

PRIZES.

The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of fifty dollars, which is awarded annually to the student passing the best examination in the Department of Chemistry.

SCHMIDT PRIZE.—This prize was established by Mr. Fred. A. Schmidt, of Washington, in 1894, and is to hold good for a period of ten years. The prize consists of a pocket case of the finest Drawing Instruments. All students in full standing in the second year taking a full course in one of the departments of Architecture, Civil Engineering, Electrical Engineering, or Mechanical Engineering are considered applicants without further notice.

The prize will be awarded to that student passing highest in Descriptive Geometry and the second year mathematical studies, taken in common by all the students in the above named four departments; Descriptive Geometry plates to count seventy-five (75) per centum, and twenty-five (25) per centum to be evenly distributed between the yearly examinations in Descriptive Geometry and the second year mathematical studies taken in common by all four departments.

VEERHOFF MEDAL.—Mr. W. H. Veerhoff offers a gold medal to that student in Architecture who obtains the best average in the first year of the course in Fine Arts as applied to Architecture.

AMATEIS MEDAL.—Professor Louis Amateis offers a gold medal, to be given to the student who, graduating with the degree of Bachelor of Science in Architecture, obtains the highest relative standing in Fine Arts as applied to Architecture, Building Construction, and in Architecture.

Prize Awards, 1899.

Schmidt Prize.....	Humphreys Milliken.
Veerhoff prize	Joseph C. Hadsall.

ANNUAL TUITION FEES.

For courses not including laboratory work :

Courses in one Department.....	\$40 00
Courses in two Departments.....	75 00
Courses in three or more Departments.....	100 00

Laboratory courses :

Course 2 or 3 in Chemical Laboratory, including cost of material and apparatus.....	50 00
Laboratory Course in Chemistry (except 2 or 3).....	100 00
For chemicals used.....	25 00
Deposits (returnable) for breakage.....	25 00
Laboratory Courses in Assaying of Ores and Bullion..	40 00
For materials used.....	20 00
Elementary Course in Physical Laboratory.....	20 00
Advanced Course in Physical Laboratory.....	30 00
Laboratory Course in Mineralogy (for the year).....	60 00
For materials used.....	10 00

ANNUAL FEES FOR FULL COURSES OF STUDY
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

Freshman year (common to all courses)	\$100 00
Sophomore year, Course 1 (laboratory fees extra)....	100 00
Junior " " 1 " " " " "	100 00
Senior " " 1 " " " " "	100 00
Sophomore " " 2	100 00
Junior " " 2	100 00
Senior " " 2	100 00
Sophomore " " 3	120 00
Junior " " 3	130 00
Senior " " 3	130 00
Sophomore " " 4	115 00
Junior " " 4	100 00
Senior " " 4	100 00

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Sophomore year, Course 5	\$130.00
Junior " " 5 (deposit, \$10.00)	150.00
Senior " " 5 (deposit, \$10.00)	150.00
Sophomore " " 6	130.00
Junior " " 6 (deposit, \$10.00)	150.00
Senior " " 6 (deposit, \$10.00)	150.00
Sophomore " " 7	100.00
Junior " " 7	100.00
Senior " " 7	100.00
Sophomore " " 8	130.00
Junior " " 8	120.00
Senior " " 8	130.00
Sophomore " " 9	105.00
Junior " " 9 (deposit, \$10.00)	150.00
Senior " " 9	100.00
Sophomore " " 10	100.00
Junior " " 10	100.00
Senior " " 10	100.00
Sophomore " " 11	100.00
Junior " " 11	100.00
Senior " " 11	100.00
Sophomore " " 12	100.00
Junior " " 12	100.00
Senior " " 12	100.00
Sophomore " " 13	100.00
Junior " " 13	100.00
Senior " " 13	130.00
Sophomore " " 14	130.00
Junior " " 14	130.00
Senior " " 14	130.00
Diploma fee (final)	10.00

The tuition fees for special technical instruction not included in the above statement will be fixed when demanded, and will be determined largely by the number of students offering themselves in such work.

All fees are payable in advance, unless special arrangement be made with the Treasurer to suit the convenience of the student. Fees for single or for special studies are payable in advance in half-yearly installments. No deduction on account of

absence will be made for less time than one quarter of a scholastic year.

A student desiring to make any change in his course of study or to drop any study should inform the Dean of this fact at the beginning of the month and have the change, if approved, indorsed on his matriculation certificate. Students failing to conform to this requirement are responsible for the fees entered on their certificates until such notice is rendered.

ROOMS AND BOARD.

During the year 1899-1900 desirable rooms, convenient to the University buildings, have been offered at prices ranging from \$5 to \$10 per month, and good board has been offered from \$15 to \$20 per month. A list of persons offering rooms and board can be obtained from the Registrar of the University.

For further information regarding the Corcoran Scientific School, application may be made to

HOWARD L. HODGKINS, *Dean,*
The Columbian University.

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**STUDENTS IN THE CORCORAN SCIENTIFIC
SCHOOL.**

Candidates for Degrees.

Name	State	Address.
Allison, Isaac.....	D. C....	Kendall Green, D. C.
Ancona, John F.....	D. C....	2031 H Street.
Baker, Edward Stuart.....	Va.....	210 N. Wash'n Street, Alexandria, Va.
Beale, Carroll.....	D. C....	3132 P Street.
Bolton, William Reinhard.....	Iowa....	522 2d Street.
Bowie, William Love.....	N. C....	1822 4th Street.
Brann, Berlin G.....	D. C....	1309 F Street.
Brewer, Martha Mary.....	Md....	118 Mass. Ave., N. E.
Bryant, Herbert L.....	D. C....	1605 Conn. Avenue.
Burrows, Alvin Tod.....	Iowa....	1012 12th Street.
Calver, Arthur W.....	D. C....	1721 P Street.
Camp, Oswald E.....	D. C....	2118 L Street.
Campbell, Roy.....	Mont....	1601 31st Street.
Church, H. A.	D. C....	626 N. C. Ave., S. E.
Clark, William E.....	Pa....	1021 Conn. Avenue.
Cleary, James Douglas.....	D. C....	120 F Street S. E.
Colestock, Harry Ludwig.....	Pa....	937 Mass. Avenue.
Cooper, J. Herschell	Ohio....	457 Florida Avenue.
Covell, Leon Claude.....	N. Y....	1122 G Street, S. E.
Davant, Frank Baker.....	Ala....	109 5th Street, S. E.
Davis, William Hammatt	N. Y....	1477 Kenesaw Street.
Didden, George A.	D. C....	1418 Binney Street.
Dieterich, Albert Edgar.....	D. C....	1209 East Capitol St.
Dodge, Moncena Myles	Maine....	1336 Vermont Ave.
Doyle, Louis Irving.....	Pa....	1902 3d Street.
Dunkerly, William.....	D. C....	1713 15th Street.
English, Walter Charles.....	D. C....	2907 P Street.
French, Clara M.....	Ala....	645 Q Street.
Galliher, Charles H.....	D. C....	107 5th Street, S. E.
Gates, Otis H.....	Fla....	123 4th Street, S. E.
Getsinger, Buist C.....	S. C....	927 New York Ave.
Giles, Louis E.....	Mich....	23 B Street, S. E.

Name	State	Address
Gillis, W. Weir	Wyo	1307 Kenyon Street.
Gordon, John Blake	D. C.	6 Cooke Place.
Graves, Sheldon H.	D. C.	1221 K Street.
Gwinn, Thomas R.	Md.	1225 Conn. Avenue.
Helbig, Arthur Lee	D. C.	1742 7th Street.
Hoeke, Henry William	D. C.	116 7th Street, S. E.
Holt, Lester Morton	Wis.	1017 12th Street.
Jackson, Hebert Camp	D. C.	712 18th Street.
Kern, Walter Everett	D. C.	29 R Street.
Kleberg, Alfred L.	Texas	214 North Capitol St.
Lamson, Lonis B.	Mass.	239 8th Street, N. E.
Latimer, William James, Jr.	Md.	27 Harrison Street, Anacostia, D. C.
Law, Leroy Mahler	D. C.	310 9th Street, N. E.
Lillie, Ray D.	Mich.	Indian Office.
Love, George Washington	Ill.	1814 K Street.
Lowe, Henry F.	Va.	113 5th Street, N. E.
Magill, C. H.	D. C.	69 H Street.
Maltby, Fred. A.	D. C.	Benning, D. C.
Marsh, Earl G.	Ohio	628 E Street, N. E.
Maupin, John W.	Va.	228 East Capitol St.
May, R. Harold	D. C.	1229 21st Street.
McCravy, J. Adger	S. C.	924 Mass. Avenue.
McIntyre, Otis L.	D. C.	1633 I Street.
McLanughlin, James A.	Colo.	1123 14th Street.
Milliken, H.	Tenn.	Stratford Hotel.
Morgan, John D.	Ohio	1338 Yale Street.
Mueden, George Frederic	D. C.	437 M Street.
Newberne, R. E. L.	Texas	1453 14th Street.
Norris, Rastus Ransom	D. C.	331 C Street.
Nussbaum, Emile P.	D. C.	1224 13th Street.
Ollberg, Charles Real	Minn.	1919 13th Street.
Pack, Samuel Bernard	Pa.	1218 H Street.
Parsons, James L., Jr.	D. C.	322 10th Street, S. E.
Pierson, William Thomas, Jr.	Fla.	315 5th Street, S. E.
Pistorio, Irene Mabel	D. C.	626 B Street, S. W.
Raber, Katherine M.	Ohio	1300 Lydecker Ave.
Reat, Samuel C.	Ill.	1318 L Street.
Redington, Richmond B.	D. C.	1749 Q Street.
Regan, Ralston B.	Miss.	1206 G Street.

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Name	State	Address
Roberts, Edwin E.	D. C.	621 East Capitol St. M. D., National University.
Rose, Frank William.	Ind.	421 1st Street, N. E.
Saegmuller, John Leonard.	Va.	134 Md. Ave., S. W.
Schooley, Charles H.	Colo.	943 R Street.
Scott, Walter Armitage.	Ill.	Patent Office.
Sensner, George H.	D. C.	2936 15th Street.
Shinn, John Brognard.	D. C.	1751 Madison Street.
Shreve, Prentiss A.	Va.	129 Carroll St., S. E.
Siewers, W. Ledoux.	N. G.	1021 Vermont Ave.
Smith, Roger G.	D. C.	314 A Street, N. E.
Snider, Murray F.	Ohio	38 Florida Avenue.
Stabler, Harold B.	Md.	1321 G Street.
Stenger, Robert Cunningham.	Pa.	
Stephens, Gilbert Haven.	Ill.	1830 G Street.
Stuckey, Katharine Pearl.	Kan.	817 15th Street.
Swygert, George H.	S. C.	924 Mass. Ave.
Taggart, Giles Russell.	N. J.	584 Bates Street.
Thompson, Edward Cyrus.	Iowa	1312 8th Street.
Thompson, Wilford Ashford.	Iowa	1312 8th Street.
Thurston, Royal A.	Ohio.	1306 O Street.
Topping, D. Le Roy.	N. Y.	1913 Pa. Avenue.
Triepel, Mrs. Emma M. V.	N. C.	1731 F Street.
Warner, George Littleton.	Ohio	1514 Q Street.
Watts, George A.	D. C.	412 2d Street.
Weer, Charles Raymond.	Ohio	225½ 13th St., S. W.
Weer, Edward Leroy.	Ohio	225½ 13th St., S. W.
Wight, Frank Clinton.	Maine.	417 Q Street.
Wooster, Walter Mallory.	Conn.	1443 Q Street.

Special Students.

Name	State	Address
Adams, Arthur B.	Md.	Treasury Departm't.
Ailes, Eugene E.	Ohio	951 25th Street.
Alford, George H.	Miss.	620 I Street.
Allen, Fanny May.	Md.	621 Duke Street, Alexandria, Va.
Ashford, George H.	Miss.	620 I Street.
Atwell, H. J.	Va.	121 6th Street, N. E.

Name.	State	Address.
Baker, Charles M.	Mass	Hotel Buckingham.
Baker, W. H.	D. C.	219 3d Street.
Baldwin, George E.	D. C.	219 3d Street.
Ballard, Walter E.	D. C.	621 Florida Avenue.
Ballentine, Henry L.	D. C.	1408 Hopkins Street.
Barnes, Mary A.	D. C.	216 Seaton St., N. E.
Barton, Harry	D. C.	508½ 13th Street.
Bennett, A. A.	Minn.	House of Reps.
Bogan, Samuel W.	D. C.	421 G Street.
Boynton, Frances L.	Minn.	1620 15th Street.
Brandt, Clara M. T.	D. C.	945 Florida Avenue.
Brearley, James A.	D. C.	306 10th Street, S. E.
Brockett, Paul	Ill.	Smithsonian Inst'n.
Brott, Robert	D. C.	1829 Oregon Avenue.
Brown, Archibald W., B. S.	Md.	1718 9th Street.
Bryan, R. W.	Pa.	18th and R Streets.
Buell, Herbert L.	N. Y.	1701 V Street.
Butts, Heber	Mo.	822 8th Street.
Carpenter, Erna	D. C.	1314 Columbia Road.
Cole, Rebecca J., M. D.	Pa.	2458 8th Street
Corcoran, Richard P.	Ill.	816 13th Street.
Cross, Elizabeth W.	D. C.	1908 F Street.
Crowell, Harry M.	D. C.	2508 K Street.
Davis, George H.	Mass.	1328 Columbia Ave.
Davis, Sheldon G.	D. C.	607 13th Street.
Day, Ellen L.	D. C.	623 Fla. Ave., N. E.
Day, Herbert E.	D. C.	Kendall Green.
Denny, Susie W.	Va.	1341 Q Street.
Deweese, Emma L.	Pa.	201 East Capitol St.
De Wolfe, Madeleine B.	N. Y.	1323 T Street.
Doster-Cooke, Mrs. Lenore	Kans.	630 I Street.
Douglas, Annie E.	Md.	309 11th Street, S. W.
Ewell, Mrs. Alice Priest	Mass.	1804 S Street.
Faison, Elinor Hall	N. C.	1611 Riggs Place
Falconer, Bolivar Lang, M. D.	Texas.	824 12th Street, N. E.
Fellows, Harriet A.	Conn.	1510 Caroline Street.
Fields, S. Helen	Pa.	129 6th Street, S. E.
Finch, Edward B.	D. C.	212 N. J. Avenue.
Flournoy, B. C.	D. C.	1129 14th Street.
Flournoy, Parke P., Jr.	Md.	Treasury Departm't.

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Name.	State.	Address.
Foerster, Max F.	D. C.	1914 16th Street.
Foley, Thomas M.	D. C.	934 22d Street.
Gaines, Ada Shelton.	Ky.	Brookland, D. C.
Garnier, Madeline A.	Pa.	1829 Oregon Avenue.
Garrison, Carl L.	Ill.	1300 Lydecker Ave.
Gibson, Irene.	Mo.	1320 Corcoran Street.
Gideon, Carl C.	Va.	Ballston, Va.
Gies, Mrs. Johanna Henrietta.	D. C.	Warder Building.
Gould, Ezra.	D. C.	1703 N. Y. Avenue
Grant, Wilbur H.	Ill.	2905 14th Street.
Green, G. Emery.	Mass.	1123 17th Street.
Greer, Edwin J.	Mich.	1601 31st Street.
Griggs, Alice.	N. Y.	939 R. I. Avenue.
Hadsall, Joseph C.	W. Va.	1464 R. I. Avenue.
Hance, Eleanor W.	Va.	Cherrydale, Va.
Haney, Lewis Tussler.	Va.	St. Elmo, Va.
Hardester, David.	D. C.	529 12th Street, S. E.
Havell, Thomas C.	Tenn.	1235 B Street, S. E.
Hayt, Rosina E.	Pa.	128 A Street, N. E.
Heard, Florence M.	D. C.	508 M Street.
Holmes, Kirk.	Minn.	1502 H Street.
Hopkins, Matthew Smith.	Md.	1318 1 Street.
Horton, Eugene C.	Pa.	Treasury Departm't.
Jacobs, Emma Suter.	D. C.	1543 9th Street.
Jerdone, Francis, Jr.	Va.	227 E. Capitol Street.
Jones, A. Sidney.	N. C.	10 Seaton Street, N.E.
Jullien, Caroline.	D. C.	Brookland, D. C.
Karch, Albert F.	Ill.	625 K Street.
Karus, W. Arthur.	Iowa.	11½ Grant Place.
Kavanaugh, Annie.	Wis.	1925 1 Street.
Klakring, Alfred.	D. C.	1137 N. J. Avenue.
Kramer, Stephen E.	Ga.	1315 Q Street.
Lane, Bernard H.	Mass.	2460 6th Street.
Lee, Walter H.	D. C.	Anacostia, D. C.
Lerch, Alice.	D. C.	1448 R. I. Avenue.
Levering, Jennie E.	Tenn.	1435 Chapin Street.
Lewers, Albert M.	Nev.	111 3d Street, N. E.
Lewis, Noble.	D. C.	515 12th Street.
Lillie, Lottie J.	Mich.	1121 10th Street.
Lowell, Walter R.	D. C.	1819 Q Street.

Name.	State.	Address.
Lundy, W. Don.	D. C.	808 N. C. Ave., S. E.
Madeira, Julia B.	D. C.	1511 13th Street.
Mason, Mary M.	Ill.	1421 Chapin Street.
Matthews, Sallie T.	N. J.	1422 N Street.
McBrier, Mrs. Elizabeth.	Cal.	201 C Street.
McCowan, Edwin B.	Idaho.	1120 N. Y. Avenue.
Merridat, Margaret J.	D. C.	2512 University Pl.
Meyer, H. A.	D. C.	211 East Capitol St.
Miner, Charles A.	Mich.	601 18th Street.
Mitchell, Allis Fraem.	Md.	2217 M Street.
Mixon, Ada	Ark.	809 H Street.
Monenre, Paul H.	Va.	305 B Street, N. E.
Morgan, J. Maynard	D. C.	1828 H Street.
Mueden, Emma	N. Y.	437 M Street.
Mueden, Pauline	N. Y.	437 M Street.
Murphy, Fred V.	Ill.	908 L Street.
Nesbit, Donald	Va.	5th Auditor's Office.
Noyes, Edward R.	D. C.	591 Md. Ave., S. W.
Oberly, Beatrice C.	Ill.	629 Md. Ave., N. E.
O'Donoghue, Mrs. Marian Longfellow	Mass.	1300 Kenesaw Ave.
Orth, Henry, Jr.	D. C.	1011 L Street.
M. E., 1893, Lehigh University.		
Parker, Joseph S.	D. C.	1530 14th Street.
Patrick, George Edward	Iowa	Dep't of Agriculture.
B. S., 1873; M. S., 1874, Cornell University.		
Pierson, W. P.	Ala.	148 A Street, N. E.
Rhodes, Thomas A., Jr.	D. C.	Landon, D. C.
Romeyn, Nina	D. C.	714 20th Street.
Russ, Arthur B.	Maine	9 9th Street, S. E.
Russell, Arthur L.	Texas	1349 Md. Ave., N. E.
Russell, William	D. C.	Treasury Depart'mt.
Sargent, R. H.	Maine	1728 Columbia Road.
Saxton, Elizabeth W.	D. C.	1300 Columbia Road.
Schayer, Claire Marjory	D. C.	3435 Holmead Ave.
Scriven, Mrs. Delia V.	N. Y.	1307 K Street.
Sheiry, Dillon	D. C.	132 F Street, N. E.
Sillers, Frederick	D. C.	809 21st Street.

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Name.	State.	Address.
Simpson, W. W.	D. C.	130 11th Street, S. E.
Sipe, Susan B.	D. C.	600 Mass. Avenue.
Smith, Marian	D. C.	1546 Howard Avenue.
Smith, William G.	Minn.	1360 B Street, S. W.
Stauffer, Henry E.	Del.	2407 M Street.
Stevenson, Mrs. Stella Lee	D. C.	917 16th Street.
Steward, W. G.	La.	810 11th Street.
Stickney, Rosamond Kendall	D. C.	607 M Street.
Stutz, Minnie Marie	D. C.	1507 R. I. Avenue.
Sydnor, Thomas Young	Pa.	1202 K Street.
Sypher, Katharine	D. C.	2341 18th Street.
Tasker, Arthur M.	D. C.	122 Md. Ave., N. E.
Tenney, Walter L.	N. Y.	1924 Pa. Avenue.
Tew, Albert B.	D. C.	Anacostia, D. C.
Thatcher, Marion	Mich.	Stratford Hotel.
Thompson, John A.	D. C.	1720 H Street.
Thorne, George	D. C.	120 6th Street, N. E.
Thorneley, Walter C.	England	817 12th Street.
Tilton, Emma Evangeline	D. C.	220 2d Street, N. E.
Todd, Ruth H.	D. C.	1124 5th Street.
Tracy, Laura Louise	N. Y.	1462 Binney Street.
Turner, Emma Harper	Ind.	1507 R. I. Avenue.
Twitchell, Mrs. Mayville W.	N. Y.	809 21st Street.
Underwood, Norman	D. C.	1407 10th Street.
Warner, Marjorie Fleming	Iowa	20 1 Street.
Wharton, Georgia E.	Va.	224 11th St., S. W.
Wharton, John J., Jr.	Va.	224 11th St., S. W.
Wheeler, Harrie T.	D. C.	1008 B Street, S. W.
White, Marian	Iowa	330 T Street.
Wilson, Adelaide	Ga.	817 15th Street.
Wing, David Laforest	Maine	513 4th Street.
Wollant, Gregory de	Russia	1729 21st Street.

Candidates for degrees 99

Special students 153

Total 252

THE SCHOOL OF GRADUATE STUDIES.

FACULTY.

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Emeritus Professor of English.

JAMES HOWARD GORE, PH. D.,
Professor of Mathematics.

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Professor of Neurology.

THEODORE N. GILL, PH. D.,
Professor of Zoölogy.

CLEVELAND ABBE, A. M., LL. D.,
Professor of Meteorology.

HERMANN SCHOENFELD, PH. D.,
Professor of German and of Continental History.

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Professor of Philosophy.

EDGAR FRISBY, A. M.,
Professor of Astronomy.

WILLIAM T. HARRIS, LL. D.,
Professor of Philosophy.

EMIL A. DE SCHWEINITZ, PH. D.,
Professor of Bio-Chemistry.

FRANK W. CLARKE, S. D.,
Professor of Mineral Chemistry.

HARVEY W. WILEY, PH. D.,
Professor of Agricultural Chemistry.

REV. FRANK H. BIGELOW, D. D.,
Professor of Solar Physics.

GEORGE P. MERRILL, PH. D.,
Professor of Geology.

HOWARD L. HODGKINS, PH. D.,
Professor of Mathematics.

EDWARD FARQUHAR, PH. D.,
Professor of Ancient and Church History.

LOUIS AMATEIS,
Professor of Fine Arts as Applied to Architecture.

FRANK A. WOLFF, PH. D.,
Professor of Electrical Engineering.

F. LAMSON-SCRIBNER, B. Sc.,
Professor of Botany.

JOSEPH C. HORNBLOWER,
Professor of Architecture.

C. E. MARVIN, M. E.,

Associate Professor of Meteorology.

MARATHON MONTROSE RAMSEY, A. M.,

Professor of Romance Languages.

ANDREW F. CRAVEN, PH. D.,

Professor of Political Science.

EDWARD B. POLLARD, PH. D.,

Professor of Biblical Literature and Secretary of the Faculty.

CHARLES C. SWISHER, PH. D.,

Professor of American and English History.

WILLIAM ALLEN WILBUR, A. M.,

Professor of English.

GUSTAV AYERS, M. E.,

Professor of Mechanical Engineering.

HERBERT LOUIS RICE, M. S.,

Professor of Astronomy.

CARROLL D. WRIGHT, LL. D.,

Professor of Economics.

MITCHELL CARRROLL, PH. D.,

Acting Professor of Latin and Classical Archeology.

HENRY A. PRESSEY, B. S.,

Acting Professor of Civil Engineering.

MAX WEST, PH. D.,

Associate Professor of Economics.

OTIS T. MASON, PH. D., LL. D.,

Lecturer on Anthropology.

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BOARD OF DIRECTORS OF UNIVERSITY STUDIES.

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HERMANN SCHOENFELD, PH. D., *Professor of German.*
REV. J. MACBRIDE STERRETT, D. D., *Professor of Philosophy.*
REV. FRANK H. BIGELOW, D. D., *Professor of Solar Physics.*
CHARLES C. SWISHER, PH. D., *Professor of American and English History.*

WILLIAM ALLEN WILBUR, A. M., *Professor of English.*

The School of Graduate Studies was established by order of the Corporation of the University at the annual meeting in 1892, and was opened for the reception of students on Thursday, the 5th of October, 1893. The seventh session begins Wednesday, September 26, 1900.

The School is opened each year with a public address by a member of the Faculty.

DEGREES.

The degrees of Master of Arts (M. A.), Master of Science (M. S.), Civil Engineer (C. E.), Electrical Engineer (E. E.), Mechanical Engineer (M. E.), and Doctor of Philosophy (Ph. D.) are conferred on members of the School of Graduate Studies under such regulations as may be established from time to time by the Board of Directors; but no graduate student will be regarded as a candidate for any advanced degree until he shall have been admitted to such candidature by the Board of Directors of University Studies. The conditions to be satisfied by candidates will be found on page 130 *et seq.*

COURSES OF STUDY.

The following courses are offered to students in the School of Graduate Studies. Candidates for the degree of Doctor of Philosophy will be required to select their major subject from among those enumerated below, but the minor subjects may be chosen from among any offered in the University which may prove acceptable to the Board of Directors.

ANTHROPOLOGY.

DR. MASON.

Candidates for degrees in this department are expected to know as much of mineralogy, geology, geography, botany, zoölogy, chemistry, and history as is taught in colleges. Some familiarity with the classical languages is very desirable, and French and German are absolutely essential. Students should have a knowledge of anatomy and physiology. They should also have pursued a course in psychology, with especial reference to the study of physiology.

The special studies of the department comprise the following courses:

1. Study of the races of man.
2. The history of culture (*Kulturgeschichte*) as embodied in the languages, industries, art, social life, philosophy, and mythology of the various peoples of the earth.
3. The history of the past as revealed in the sciences of archeology and folk-lore.

The works of Topinard, Ladd, Brinton, Peschel, Müller, Haeckel, Hovelacque, Keane, Tylor, Spencer, Morgan, Morgan, Evans, Gomme, Ratzel, and Lang are used as texts, with readings in the journals of the Anthropological societies.

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ARCHÆOLOGY : CLASSICAL.

PROFESSOR CARROLL.

The School of Graduate Studies is prepared to furnish instruction in certain branches of Greek and Roman Archæology, making use of the excellent opportunities which Washington affords. The Corcoran Gallery of Art has a large collection of plaster casts of Greek and Roman sculpture. The Halls of the Ancients offer considerable illustrative material for the study of classical architecture and art and of Roman private life, and the National Museum has various collections useful in the study of antiquity.

The following courses of study are offered:

1. Introduction to Classical Archæology, an elementary course in Greek and Roman architecture and sculpture and Greek vases, and the bibliography of archæology.

2. Topography of Athens. Reading and study of Pausanias' Description of Greece, Bk. I, ec. 1-30, together with a course of lectures on the Topography and Monuments of Ancient Athens.

3. History of Greek Sculpture. A systematic study of the various periods of Greek Sculpture, illustrated by photographs, lantern slides, and the casts of the Corcoran Gallery of Art.

4. The Private Life of the Romans. The subject of Roman life will be considered in the light of existing material remains, as reproduced by photographs, engravings, casts, and the Pompeian house in the Halls of the Ancients.

ARCHITECTURE.

PROFESSOR HORNBLOWER.

PROFESSOR AMATEIS.

Classical styles; Interior architecture and decoration; Construction of buildings.

The thesis must embody the results of the complete study of a structure of elaborate and ornamental character.

ASTRONOMY.

PROFESSOR FRISBY.

A general knowledge of Descriptive Geometry and of Analytic Mechanics being presupposed, the University offers in this department for the degree of Doctor of Philosophy a reading course in the determination of orbits (with special practice in computing), under the following heads:

1. The Theory of Computing the Parabolic Orbit of a Comet from Three Observations, with an ephemeris. Encke's Memoir on Olbers' Method, Abhandlungen, Erster Band. Books of reference: Watson's Astronomy, Oppolzer's Bahnbestimmung der Cometen und Planeten.
2. The Theory of Computing an Elliptical Orbit, or any Conic Section, from Three or Four Observations. Gauss' Theoria Motus. Books of reference, as above.
3. An outline of the Method of Least Squares. Encke, Chauvenet, Brünnow, Watson, Johnson.
4. The Theory of Special Perturbations, with Method of Integrating by Mechanical Quadratures. Encke: Abhandlungen, Zweiter Band und Dritter Band. Books of reference, as above. The method of the variation of the six elements will be first taught. The other methods of Hansen and of rectangular coordinates will follow if needed.
5. The Theory of General Perturbations. Tisserand, Méchanique Céleste. An abstract should here be made for the initiation of the student into this subject. Books of reference: Laplace, Méchanique Céleste; Lagrange, Méchanique Analytique, and Memoirs; Leverrier, Annals of the Paris Observatory; Hansen, Auseinandersetzung; Pontécoulant, Système du Monde, etc.
6. General Spherical Astronomy. Chauvenet's or Brünnow's Spherical Astronomy.

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PROFESSOR RICE.

7. On the construction and use of the American Ephemeris and Nautical Almanac. Embracing a complete discussion, both theoretical and practical, of all the important elements and data contained in this fundamental work. A practical course for computers.

8. Spherical and Mathematical Astronomy. A more general course than the preceding, covering the most important of the subjects discussed in Chauvenet's or Brünnow's works on Spherical and Practical Astronomy, and including such portions of Theoretical Astronomy (such as Watson's) as are not especially concerned with the determination of orbits.

9. On the Theory and Practice of Interpolation. A special course, including a full discussion of the properties of differences, the various formulæ and methods of interpolation, tabular differentiation, and mechanical quadrature; also other important problems concerned with the tabular values of functions, for those desiring a special acquaintance with this fundamental and important subject.

10. A reading course in the History of Astronomy. Such works as Grant's History of Physical Astronomy, Clerke's History of Astronomy during the Nineteenth Century, etc., will be used as texts.

ASTRO-PHYSICS.

The University is authorized to announce that one or two students, if possessing special qualifications and prepared by their training to engage in astro-physical research, may be received into the Astro-Physical Observatory connected with the Smithsonian Institution. They will be chiefly employed upon investigations in radiant energy.

BIBLICAL LITERATURE AND SEMITIC LANGUAGES.

PROFESSOR POLLARD.

Courses in this department are intended (1) for those who wish to specialize in Biblical and Semitic Studies; (2) students of language, that they may be better furnished with data for the study of comparative philology, phonetic laws, and the philosophy of language; (3) students of ancient history and archaeology; (4) students of ethics and theology; (5) those seeking more liberal culture.

1. Studies in the Hebrew Prophets. Lectures on the nature of prophecy: reading, with historical side lights.
2. Hebrew Poetry—its form and contents. Its national, universal, and Messianic features. Readings in the Psalms.
3. Investigations in Hebrew History and Biblical Archaeology. Asguide, McCurdy's "History, Prophecy, and the Monuments." Keil's Biblical Archaeology.
4. Studies in the Apostolic Age. Reference to Ramsay, McGiffert, and others.
5. Hebrew. Syntax and selected readings from the Books of Samuel.
6. The Cognate Semitic Languages. (a) Aramaic, Grammar and readings in the books of Daniel and Ezra; (b) Arabic, Lansing's Manual and readings from the Koran; (c) Assyrian, Grammar and reading of selected cuneiform texts.
7. New Testament Greek. With consideration of Hebraic influence upon the "Common Dialect," and divergence from classic usage. Selected readings from the new Testament and from the Septuagint.

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BIBLIOGRAPHY AND BIBLIOLOGY.

PROFESSOR ——.

The Professor exercises a general supervision over the bibliographic work done in this department and advises students as to the best methods of work and the accepted methods of presentation of results. Unusual opportunities are afforded students in this subject in the meetings of the Washington Library Association, which are held at stated intervals at The Columbian University.

BOTANY.

PROFESSOR LAMSON-SCRIBNER.

1. Advanced systematic study of the various groups and families of plants.
2. Plant histology and special morphology.
3. Plant distribution and economic plants.

CHEMISTRY.

PROFESSOR MUNROE.

Courses of graduate study in Chemistry are offered to students according to their previous training and special aptitudes. Among the courses projected are certain researches upon explosive substances; analytical methods; the phenomena of deliquescence and efflorescence.

PROFESSOR CLARKE.

Professor Clarke offers to properly equipped students a course of research work in the development of his theory of the constitution of the natural silicates, and also courses in the determination of atomic weights.

PROFESSOR WILEY.

Professor Wiley directs special researches in Agricultural Chemistry, provided that students properly trained in the elements of that science shall present themselves for advanced work.

PROFESSOR DE SCHWEINTZ.

Professor de Schweintz offers a course in Bio-Chemistry. This course embraces, in addition to what is ordinarily called physiological chemistry—

1. A study of the products of the growth of germs, either in the animal body or upon artificial media.
2. The influence of these substances in causing disease and their relation to immunity.
3. The anti-toxins and methods of their preparation.

ECONOMICS.

PROFESSOR WRIGHT.

1. Advanced Political Economy. A study of the science and of the theories of Economic Study of Political Progress and of Practical Economic Problems.

ASSOCIATE PROFESSOR WEST.

2. Public Economy. (a) A comparative study of governmental activities. (b) Taxation.
3. Municipal Economy. A study of municipal functions and the corresponding forms of municipal government.
4. Voluntary organization for promoting social welfare.

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ENGINEERING—CIVIL.

PROFESSOR PRESSEY.

1. Water Supply. Details of water works. Study of surface and underground waters as sources of supply, with special reference to methods of purification
2. Sewerage. Details of sewerage systems, with special reference to methods of sewage disposal.
3. Hydrology. Flow of rivers, rainfall, and the effects of topography, forests, etc., upon the run-off of watersheds.
4. Irrigation.
5. Thesis, the subject of which is to be selected by the student and approved by the Professor of Civil Engineering.

ENGINEERING—ELECTRICAL.

PROFESSOR WOLFF.

Students having obtained the degree of Bachelor of Science in Electrical Engineering (Course III) or its equivalent may receive the degree of Electrical Engineer upon satisfactorily completing a course of one year, embracing the following studies:

1. Advanced Laboratory work.
2. Design of Dynamo-electric Machinery.
3. Transmission of Electrical Energy.
4. A course of reading of engineering and electrical journals and weekly meetings for the discussion of engineering and electrical subjects.
5. Thesis work, embracing the complete project of an electrical plant for some municipal or industrial purpose, or some special research in applied electricity.

Students are recommended to take also Mechanical Engineering, Advanced Physics, Higher Mathematics, German, French, and Chemistry.

ENGINEERING—MECHANICAL.

PROFESSOR AYRES.

The course of study leading to the degree of Mechanical Engineer includes the following subjects: Steam-engine, Zeuner's diagrams, gas engine, and mechanics of machinery. In addition, the students are required to do individual work in taking indicator diagrams and making engine and boiler tests. The following works indicate the range of subjects:

Riggs' Steam-engine; Zeuner's Diagrams; Clerk's Gas Engine. Weisbach-Hermann's Mechanics of Machinery: Hoisting machinery, accumulators, cranes, locomotives, etc. Day's Indicator Diagrams and Engine and Boiler Testing. Weisbach-Hermann's Mechanics of Machinery: Pumps, pumping engines, blowing engines, compressors, and fans.

ENGLISH.

PROFESSOR WILBUR.

The courses offered are given according to the needs of students actually in attendance. The work is not, as a rule, conducted in classes, but through personal conference and individual research. A satisfactory thesis is required at the completion of each course of graduate study.

1. The Elements of Style. (1) Sound: An investigation of the phonetic elements of words as a distinct factor in style. (2) Words: The sources and growth of the English vocabulary; the percentage of native words in the English of different writers; comparative values of the native and the foreign elements; the significance of words. (3) Sentences: The history of sentence-length and sentence-form in English prose. (4) Paragraphs: The history of the English paragraph. (5) Figures of Speech. (6) Forms of Discourse.

2. English Literary Criticism. (1) A study of the principles of literary criticism, with exercises in the criticism of literature of varying types. (2) The history of English literary criticism from the sixteenth century.

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2. Literary History of England. A survey of the whole field, and a critical study of some phase of literary development. The following authors are read: Taine, Ten Brink, Brooke, Saintsbury, Gosse, Stedman.

4. Literary History of America. A survey of the whole field, and a critical study of some phase of literary development. The following authors are read: Tyler, Richardson, Stedman, Bates, Vedder, and the volumes in the "American Men of Letters" series.

5. English Romanticism. The history of English romanticism, with particular reference to the beginnings of the romantic movement in the eighteenth century.

6. Marlowe. The works of Christopher Marlowe, with studies in language, versification, dramatic art, influence, and interpretation.

7. Shakespeare. The works of Shakespeare, with inductive studies in phases of dramatic art, and in interpretation.

8. Tennyson. A comprehensive study of Tennyson's works; his literary characteristics; his ethical and religious teaching.

GEOLOGY.

PROFESSOR MERRILL.

This department offers a course of advanced study in Geology, both systematic and applied.

During the first year the student may devote his time largely, if necessary, to perfecting himself in methods; to general work in the laboratory and in the field; to the examination of geological materials, and to familiarizing himself with the literature of the subject. The utility of the various text-books is recognized, but a very large portion of the desired knowledge on any subject must be gained from special memoirs and from the current literature as it appears in numerous periodicals. The various sources of information, the most essential lines of work, as well as the most promising fields of investigation, are from time to time indicated by the instructor.

During the second year the student is expected to devote himself to some special investigation which shall serve as the subject of his thesis. The course is modified to suit individual cases, in order that the student may be restricted as little as possible in the exercise of personal taste, originality, and capacity for work.

GERMAN.

PROFESSOR SCHOENFELD.

1. The Literature of the Sixteenth Century. Braune's Neu-drucke Deutscher Literaturwerke. Humanism and Reformation, with special reference to Italian and French influences. Historical basis after Voigt, Janssen, Ranke, Burckhardt, L. Geiger.
2. Literary awakening in Germany in the time of Frederick the Great; critical study of the literary centers—Leipzig, Zürich, Berlin. The Storm and Stress Period and the youthful works of Schiller and Goethe; critical investigation of Klopstock's Odes; the first three cantos of *Messias*.
3. History of the Second Classical Period. Lessing's *Lakoon*, *Dramaturgie*, *Literaturbriefe*: A study of German Critique. Detailed investigation into Schiller's and Goethe's works. Literary Germany at the death of Goethe (1832).
4. History of German Syntax.

GREEK.

PROFESSOR HUNTINGTON.

For the Master's Degree one of the following courses is offered:

1. Herodotus and Thucydides.
2. Homer (parts of the *Iliad* and *Odyssey* not read in the undergraduate course) and the Lyric Poets.
3. The Attic Orators.

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For the degree of Doctor of Philosophy two of the following courses are offered:

4. Any two of the courses offered above for the Master's Degree except the one already pursued for that degree.
5. The Tragic Poets.
6. Plato or Aristotle.

Candidates for these degrees are required to pass a satisfactory examination not only in the authors read, but also (a) in Greek Composition; (b) in the Grammar and Philosophy of the Language; (c) in the History of Literature; (d) in Greek History and Archaeology. They are also required to present a thesis on some subject connected with Greek study.

HISTORY—AMERICAN.

PROFESSOR SWISHER.

1. Era of Exploration and Discovery. Theories respecting early settlements and aboriginal population of the North American Continent based upon Archaeology, Ethnology, and Tradition.

2. Colonial History. Social, territorial, and commercial conditions of the English Colonists. Legal and political status of the Colonies as conceived by Parliament conflicts with the spirit of Independence developed by the environment of the Colonists. Union consummated through rebellion; Independence through revolution.

3. Constitutional History of the United States:

(a.) The history of the Constitutional principle traced through the early Colonial charters and "the Articles of Confederation" until finally formulated in the Constitution of 1789.

(b.) Construction of the Constitution developed under party issues from the first administration of Washington through the period of division and reconstruction.

4. The History of American Diplomacy. This course undertakes a careful study from original sources of the more important international controversies to which the United States has been a party, from the diplomacy of the Revolution to the report of the Venezuela Commission under President Cleveland.

5. The Rise and Fall of the Slave Power. Slavery as a factor in Colonial history; impetus given to the system by the Constitution of 1789; period of annexation and conquest; the causes and consequences of the Mexican war.

6. The History of the American people from 1765 to 1895.

HISTORY—ANCIENT AND CHURCH.

PROFESSOR FARQUHAR.

1. Bible History. Frequent references to Oriental and Ancient History.

2. Athens, from Solon to Demosthenes. The leading Greek authors carefully considered, and the relations of Athenian to modern civilization pointed out.

3. Roman History to the fall of the Western Empire. The more prominent Latin authors consulted, and the transition from the ancient to the modern civilization followed.

4. History of Christianity. Study of the development of the Church, and its relation to the general progress of mankind. Frequent references to European history at large.

5. History of History. A study of the progress and phases of ancient and modern historical literature.

HISTORY—CONTINENTAL.

PROFESSOR SCHOENFELD.

1. The emerging of the Germanic, Romance, and Slavic races in European History. The Migration of Peoples. The Evolution of European States to the rise of the Hapsburg House.

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(Selections from the historical sources will be read and interpreted.)

2. The Holy Roman Empire from Rudolph of Hapsburg till the death of Maximilian I (1519), with special reference to *Kulturgeschichte*, and the first attempts at Church reform.

3. History of the Renaissance and Reformation.

Modern History is reserved for the Academic year 1900-1901. Special courses may, however, be arranged after consultation with graduate students.

HISTORY—ENGLISH.

PROFESSOR SWISHER.

1. English Constitutional History. This course seeks to explain the present working of the English political system from a survey of the whole field of English history. It reviews in detail—

(a.) Early Saxon institutions as they reappear successively after Norman and Tudor absolutism and finally assert themselves under the later Stuarts.

(b.) Party government as developed under the Whig oligarchy of the Revolution and during the reign of George III until the final triumph of popular government by the Reform Act of 1831.

2. History of English Foreign Policy. England as a continental power; the policy of Wolsey as realized under Cromwell and William of Orange; struggle for the balance of power transferred to the seas; England and the Eastern question.

3. England as an Empire. Evolution of the imperial idea; the foundation of the Empire from the Conquest of Jamaica to the Battle of Trafalgar; the Empire as Modified by American History; the Political Situation in Canada, Australia, and South Africa.

4. The English in India. Condition of the peninsula during the Mogul Empire; establishment of British Supremacy; the

Presidencies and the Native States; strength and weakness of England's position in the Far East.

5. England during the Nineteenth Century. A more detailed history of the English people from the close of the Napoleonic wars and during the reign of Queen Victoria.

Subjects for individual research and investigation are arranged at the weekly meetings of the seminaries of American and English history.

LATIN.

PROFESSOR CARROLL.

The aim of the graduate instruction in Latin is twofold:

(1) The attainment of a wider and more accurate knowledge of the Latin language and literature than can be acquired in the ordinary college course, and (2) special training in the methods of scientific research.

To serve these ends the Latin Seminary has been organized, composed of all the graduate students in the department. Each year some one author or branch of literature is made the center of study. Interpretations of the text under consideration are prepared by the members, and papers are read by them containing the results of special study of philological or literary topics. Furthermore, wide and systematic reading of Latin authors is carried on under personal supervision, and special courses of lectures are given from time to time on themes in Roman life and literature.

The center of study during the present session has been the rhetorical works of Cicero. The following courses are offered:

- I. Horace and Roman Satire.
- II. The Roman Epic.
- III. The Roman Historians, especially Tacitus.

The Librarian of Congress has expressed a willingness to provide such books as are necessary for the effective prosecution of the work.

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MATHEMATICS—PURE

PROFESSOR GORE.

1. Higher Plane Curves. Modern Higher Algebra.
2. Mathematical Reading. Carr's *Synopsis of Pure Mathematics*; Láska's *Mathematische Formeln-Sammlung*; Gore's *Factors and Formulas*.
3. Advanced Integral Calculus; Theory of Equations.
4. Functions. General Theory of Functions, Harkness and Morley; Abelian Functions, Briot, *Théorie des Fonctions Abéliennes*.

PROFESSOR HODGKINS.

5. Differential Equations.

Students in this course meet with the class in Differential Equations in the Scientific School (two hours a week), studying there Johnson's *Differential Equations*. This is supplemented by lectures and by the study of Forsyth's *Differential Equations* (two hours a week).

6. Determinants.

The first part of the year is given to the mastery of some elementary book on Determinants, such as that by Weld. This is followed by a study of Scott's *Theory of Determinants* and of Muir's *Theory of Determinants in the Historical Order of its Development*.

MATHEMATICS—APPLIED.

ASSISTANT PROFESSOR — •

1. Geometry of Position, developed by projective methods, based on the works of von Staudt, Moebius, Steiner, Poncelet, etc.
2. Graphic Statics. This science may be studied with either of two objects in view:
 - (a.) As a part of Applied Mechanics.

(b.) As a part of Analytical Mechanics, based on geometry of position.

3. Investigations in analytical and applied mechanics, hydrodynamics, hydraulics, pneumatics, and strength of materials, based on the works of Weisbach, Church, Ritter, Rankine, Bresse, etc.

4. Analytic Mechanics: Minchin, Price, Lagrange, Jacobi, Hamilton.

5. Spherical Harmonics and allied functions, with applications to mathematical physics: Todhunter, Ferrers, Thomson and Tait, Maxwell, Rayleigh, Heine.

6. Hydrodynamics and Tides: Lamb, Lagrange, Laplace, Airy, Thomson, Ferrel, Darwin.

METEOROLOGY.

PROFESSOR ABBÉ.

1. Experimental and Laboratory Work in Meteorology. The lectures will treat of the theories of instruments; the laws of meteorological phenomena, so far as they are susceptible of laboratory experiment; the differences in methods of reduction and publication.

2. Practical Meteorology. The lectures will treat of chartography, daily weather charts, methods of predicting the weather for a few days, long-range predictions for seasons, methods of verification, and the climates of past geological ages.

3. Physical and Theoretical Meteorology. The lectures will sketch the present state of our knowledge of atmospheric phenomena as a problem in thermodynamics and hydrodynamics. An extensive course of reading and private study will be marked out for the pupil, and his thesis for the degree of Ph. D. must be in the field of physical meteorology.

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NEUROLOGY.

PROFESSOR SHUTE.

This course includes laboratory work, readings, and recitations. The nervous system is investigated in typical animals of the different classes, especially with the view of gaining some insight into the phylogeny of the Central Nervous System in Man. The growth of the brain and its physical characters as related to intelligence is investigated. The histology and embryology of the Central Nervous System and the Sense Organs are studied. A history of the guiding conceptions in Neurology is to be acquired.

The course is designed to inculcate a sound knowledge of the architecture and functions of the Nervous System of Man for the use of students of Anatomy and those contemplating a course in Medicine and Psychology.

PHILOSOPHY.

PROFESSOR STERRETT.

1. Aristotle's Ethics and Politics.
 2. The Ethical Theories of Hobbes, Bentham, Mill, and Spencer.
 3. The Ethics of Kant and Hegel's *Rechtsphilosophie*.
 4. Kant's Critique of Pure Reason.
 5. Ethics of Kant's Critique of the Practical Reason, and Green's Prolegomena to Ethics.
 6. Kant's Critique of the Practical Reason, and Critique of the Judgment.
 7. Hegel's *Logik* and *Philosophie des Geistes*.
 8. The Philosophy of Religion: Hegel and Pfeiderer.
 9. Philosophy of History.
 10. The History of Philosophy.
- Other desired courses in Ethics and Philosophy may be arranged for with the Professor.

PROFESSOR HARRIS.

Dr. Harris will coöperate with Dr. Sterrett in carrying out additional courses in connection with Courses 9 and 10.

POLITICAL SCIENCE.

PROFESSOR CRAVEN.

1. A comparative study of the political institutions of the leading nations of the world, ancient and modern, the *history* of polities.

2. Political Science. An analytical study of the nature of the State and of public administration; the life and conduct of the State; the *art* of polities.

3. Political Philosophy. Speculation as to the origin of government; its ethical bases and the ideal form of the perfect State; the *theory* of polities.

ROMANCE LANGUAGES.

PROFESSOR RAMSEY.

French.

The following three courses are offered in French literature, dealing with the three most prominent epochs of its history prior to the Revolution:

1. Francis I (1515-'47) and the Renaissance.
2. Henry IV (1589-1610).
3. Louis XIV (1643-1715).

In each of these courses the condition of the country at the period in question is studied (largely from French sources), and the important writers are made the subjects of special investigation, the effort throughout being to correlate details and to seek a general tendency of the literary movement.

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4. French Romanticism.

A study of the Romantic movement in France, from its earliest manifestations to the Realist reaction, based upon the treatises of Brunetière, Albert, Pellissier, Gautier, and Meyer.

5. Modern French Syntax and Lexicology.

This course takes up the language at the point where the grammatical text-books leave it. The broader principles of the use and arrangement of words, the expansion and change of their meaning, and the production of new words from material already existing in the language are illustrated by a textual study of the modern masters of French style.

*Spanish.***1. Spanish Literature of the Eighteenth Century.**

A study of the revival of culture following the War of the Spanish Succession; a general acquaintance with the culmination of Spanish literature in the Golden Era, and the subsequent decline is an implied prerequisite.

2. Spanish Poets of the First Half of the Nineteenth Century.

While this course is made as comprehensive as possible, it naturally centers upon Quintana, Espronceda, Angel de Saavedra, Zorrilla, and Campoamor.

3. Contemporary Spanish Fiction.

A comparative study of Valera, Pereda, Pérez Galdós, and Palacio Vadés, involving the tenets of modern literary criticism in Spain.

SOLAR PHYSICS.

PROFESSOR BIGELOW.

Graduate studies in Solar Physics in its relation to Meteorology.

1. Solar Magnetism. The constitution of the sun, the solar corona, the sun-spots and allied problems in solar physics, giving the grounds for the recent development of the theory that

the sun is a polarized sphere surrounded by a magnetic field, which is the basis of these phenomena.

2. Cosmical Electricity and Magnetism. The two fields of force emanating from the sun, their mode of propagation through the ether, the theory of magnetic and electro-magnetic fields as applied to the theories of light, heat, and ether wave motions. Authors: Maxwell, Poincaré, Fleming, Watson, and Burbury, with references to the recent literature in scientific journals.

3. Terrestrial Magnetism. The distribution of the permanent magnetism of the earth, its disturbance by the solar fields, magnetic instruments, observatories and methods of observation, magnetic storms, the aurora, and atmospheric electricity, with a history of the progress of the science of each portion. Authors: Gauss, Lloyd, Walker, Stewart, and Gee, the reports of observatories and recent scientific papers.

4. Meteorology. The thermodynamic theory of the distribution of the atmosphere, the motions of the same, the periodic variations due to the solar fields, and the long-range predictions of the weather. A statement will be made of the latest progress in the development of this branch of physics, together with the allied questions of atmospheric absorption and transmission of energy, including important contributions of physical laboratories bearing on these subjects.

The results of the International Cloud Survey of the upper air; a comparative study of the theories of dynamic meteorology; Bigelow's standard system of equations useful in meteorology; the gradients of pressure, temperature, and vapor tension as determined by cloud computations, balloon, and kite ascensions; these and related topics are included in this course.

ZOOLOGY.

PROFESSOR GILL.

A general course of lectures is given on the Principles of Zoölogy, including a consideration of the philosophy, the methods of investigation, and the systems of zoölogy as determined by comparative anatomy.

The lectures are supplemented by work in the laboratory, embracing histology, microtomy, and dissection.

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REQUIREMENTS FOR DEGREES.

The Masters' Degrees.

Persons holding the degree of Bachelor of Arts from institutions of repute are qualified to enter as candidates for the degree of Master of Arts, and those holding the degree of Bachelor of Science for the degree of Master of Science.

Candidates for a Master's degree to be eligible shall pass one year at this University in the advanced study of at least one subject, and shall sustain a satisfactory examination and present an acceptable thesis.

Engineering Degrees.

Persons holding the degree of Bachelor of Science in Engineering courses, or its equivalent, from institutions of repute are qualified to enter as candidates for the degrees of Civil Engineer, Mechanical Engineer, or Electrical Engineer.

Candidates to be eligible shall pass one year at this University in the advanced study of Engineering subjects, shall sustain a satisfactory examination in these subjects, and shall present a satisfactory thesis.

Doctors' Degrees.

Persons holding the degree of Master of Science, Master of Arts, or their equivalent, from institutions of repute are qualified to offer themselves as candidates for the degree of Doctor of Philosophy.

Candidates for the degree of Doctor of Philosophy shall offer themselves in three topics for advanced study—one major and two collateral minor subjects. Before being admitted as candidates, they shall pass satisfactory examinations in French and German, and shall pay an examination fee of five dollars for the examination in each of those languages.

To be eligible for the degree, candidates who hold Masters' degrees shall pass two years in the study at this University of their major topic and one year in the study of each minor topic; they shall sustain satisfactory examinations upon the three subjects which they may have elected, and they shall present theses, accompanied with an exhaustive bibliography, embodying the

results of original research in their major subject, which theses they shall be prepared to defend before a board of experts.

PROCEDURE FOR ADMISSION.

Candidates for admission to this School must present the diplomas they hold, or certificates that they have received such diplomas, to the Dean of this School, and obtain from the Dean application blanks. When properly filled and signed these applications are submitted to the Board of Directors of University Studies for investigation, and the applicant is informed in writing of the action of the Board. When the applicant is informed that the Board of Directors of University Studies has admitted him to candidature for a degree he should present himself at once to the Registrar and matriculate. He should then present his receipt card and matriculation paper to the Dean for his signature, and also obtain the signatures of each of the professors with whom he is to study during the year upon his matriculation paper. When this paper has been thus executed the student must sign it and return it to the Registrar.

EXPENSES.

Matriculation fee of candidates for any degree conferred.	\$10 00
Annual fee for instruction and direction of candidates for Master's degrees.....	30 00
Annual fee for instruction and direction of candidates for an Engineering or a Doctor's degree.....	90 00
Diploma fee.....	10 00

Where laboratory courses are taken, an additional fee is required.

Students proposing to withdraw from the School of Graduate Studies will inform the Registrar to that effect. In the absence of such notification no claims for exemption from fees will be allowed.

COMMENCEMENT.

Candidates for degrees are expected to appear at the Commencement Exercises in academic caps and gowns.

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THESES.

All theses must be presented on the official thesis paper of the University, and they must be typewritten when possible. Official thesis paper can be purchased from the Registrar of the University.

All theses must be presented to the Dean not later than May 11.

No thesis for the degree of Doctor of Philosophy shall be submitted to the Faculty until it shall have been approved by the professor having supervision over the Major topic, and also by a co-referee, to be appointed from among the Faculty by the Dean.

All theses, with their accompanying drawings, are the property of the University, and must be deposited in the University archives; but authors are permitted to make copies by applying to the Dean.

Candidates who receive the degree of Doctor of Philosophy are expected to have their theses printed as early as practicable after graduation, and to present fifty copies of the printed thesis to the University, through the Dean, to be distributed among learned institutions.

FINAL EXAMINATIONS.

Examinations are conducted under the following rules of the Board of Trustees:

"Examinations for degrees shall close at least three weeks before the end of the scholastic year, and the names of all candidates for degrees who have passed a successful examination shall be officially reported, by the Faculty of each, to the President of the Faculties at least two weeks before the date of the commencement."

"No student shall be admitted to an examination for promotion from a lower to a higher class or to a final examination who is in arrears for tuition and whose name has not been certified to the Dean of the School (proposing to hold an examination) by the Treasurer."

Professors and instructors will require students entering examinations to present their cards of admission from the Treasurer before permitting them to be examined.

IN ATTENDANCE.

NAME.	TOPIC.	RESIDENCE.	ADDRESS.
Helen Virginia Banskett	Romance Languages.	South Carolina	1408 S Street, N. W.
Harry Tennyson Domer	American History	District of Columbia	738 11th Street, N. W.
Frank Dexter Fletcher	Romance Languages.	New York.	1324 Q Street, N. W.
Ella May Ford	Romance Languages	Virginia.	47 R Street, N. E. and English.
Annie Johnstone Lewis.	Romance Languages.	North Carolina	1507 Vt. Avenue, N. W.
Josephine Bettes Parkman.	Philosophy.	Massachusetts.	2519 Pa. Avenue, N. W.
Edward Elliott Richardson	Neurology.	Vermont.	400 7th Street, S. W.
M. D., 1895, Columbian University.			
Lila Taylor.	Mathematics.	District of Columbia	1741 Columbia Road.
B. S., 1893, Wellesley College;			
M. A., 1899, Columbian University.			

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FOR THE DEGREE OF CIVIL ENGINEER,

NAME.	RESIDENCE.	ADDRESS.
Eldridge Roger Boyle.....	Maryland.....	1120 N. H. Ave., N. W. B. S., 1899, Columbian University.
Capt. Roy Bagley Hayes.....	Wisconsin.....	626 O Street, N. W. B. S., 1899, Columbian University.
Francis Rematus Weller.....	North Carolina.....	408 C Street, S. E. B. S., 1899, Columbian University.

FOR THE DEGREE OF ELECTRIC M. ENGINEER.

NAME.	RESIDENCE.	ADDRESS.
John Phipps Alexander.....	New York.....	1017 14th street N. W. B. S., 1899, Columbian University.
Faust Frank Crampton.....	Michigan.....	Patent Office. B. S., 1898, University of Michigan.
Robert Francis Portner.....	Virginia.....	1104 Vt Avenue, N. W. B. S., 1899, Columbian University.

FOR THE DEGREE OF MECHANICAL ENGINEER.

NAME.	RESIDENCE.
Lt. Theodore Cornell Fenton, U. S. Navy.....	Pennsylvania.....
Graduate, 1885; U. S. Naval Academy; LL. B., 1892; LL. M., 1893; Columbian University.	1631 19th Street, N. W.
Ralph Brewster Maran.....	New York.....
B. S., 1894; Columbian University.	District of Columbia. Ordnance Office, Navy Yard.
Edward Adams Muir.....	New York.....
B. S., 1897; Columbian University.	410 2d Street, N. E.

FOR THE DEGREE OF MASTER OF SCIENCE.

NAME.	TOPIC.	RESIDENCE.	ADDRESS.
David Holmes Blakelock.....	Chemistry.....	District of Columbia	619 6th Street, S. W.
B. S., 1894; Columbian University.			
Harry Wallace Bowen.....	Electricity	Massachusetts.	Room 87, U. S. Patent Office,
B. S., 1894; Worcester Polytechnic Institute.			
Archibald Webster Brown.....	Architecture.....	Maryland.....	1729 13th Street, N. W.
B. S., 1894; Columbian University.			

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FOR THE DEGREE OF MASTER OF SCIENCE.

NAME.	TOPIC.	RESIDENCE.
Louis Waterhouse Carter B. S., 1893, South Dakota Agricultural College.	Botany	South Dakota Takoma Park, D. C.

Anna Sarah Hazelton B. S., 1892, Columbian University.	Mathematics	District of Columbia. 1215 9th Street, N. W.
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William Eldridge Hillyer B. S., 1893, Columbian University.	Chemistry	Florida 412 A Street, S. E.
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Nevil Monroe Hopkins B. S., 1893, Columbian University.	Chemistry	District of Columbia. 1730 I Street, N. W.
Alfred Emerson Jessup B. S., 1892, Lehigh University.	Chemistry	Maryland Supervising Architect's Office, Treasury Department.
Herbert Harvey Kimball B. S., 1884, New Hampshire College of Agriculture and the Mechanic Arts.	Meteorology	New Hampshire U. S. Weather Bureau.

Edward Janney Silwell Lupton B. S., 1893, Columbian University.	Neurology	West Virginia 3044 14th Street, N. W.
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THE SCHOOL OF GRADUATE STUDIES.

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Marcus Ward Lyon, Jr.	Zoology	New Jersey	P. & National Mu-
B.S., 1897, Brown University;			seum,
Thomas Herbert Means	Oecology	District of Columbia	Brookland, D. C.
B.S., 1898, Columbian University.			
Robert Edward Lee Newberne	Neurology	Texas	1453 14th Street, N. W.
M.D., 1893, Georgetown University; D. B. S., 1898, Tacoma College of Dental Surgery.			
Homer Edgar Nowlin	Chemistry	Tennessee	Wat Department
B. S., 1892, Bethel College;			
M. D., 1896, Georgetown University.			
Jesse Pawling, Jr.	Astronomy	Pennsylvania	U. S. Coast and Geodetic Survey
A. B., 1888, A. M., 1891, Philadelphia High School; B. S., 1893, Cornell University.			
Thomas Malcolm Price	Chemistry	Maryland	College Park, Maryland.
B. S., 1899, Maryland Agricultural College.			
Frank Owen Stetson	Spanish	Massachusetts	1892 R. & Root, N. W.
B. S., 1888, Massachusetts Institute of Technology.			

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For the Degree of Master of Science.

NAME.	TOPIC.	RESIDENCE.	ADDRESS.
Alfred Henry Thiessen B. S., 1898, Cornell University	German	New York	2017 1 Street, N. W.
Mayville William Twitchell B. S., 1898, Columbian University	Mineralogy	New York	809 21st Street, N. W.

For the Degree of Master of Arts.

NAME.	TOPIC.	RESIDENCE.	ADDRESS.
John Henry Altschul B. A., 1897, Columbian University	American History	District of Columbia	1234 G Street, N. W.
Dwight Wood Baker A. B., 1898, Brown University	American History	Rhode Island	729 18th Street, N. W.
Elise Bradford B. A., 1898, Columbian University	Latin	District of Columbia	1522 P Street, N. W.
Reed Paige Clark B. A., 1898, Columbian University	French	New Hampshire	1424 11th Street, N. W.

Rev. Webster Cummings B. A., 1897, Wellesley College,	german	District of Columbia. Howard University.
Lida Draper B. A., 1899, Columbian University.	Latin	District of Columbia 111 Maryland Avenue, N. E.
William Thomas Faneker B. S., 1898, Columbian University.	Spanish	Mississippi Office Auditor of Post Office Department.
Margaret Foster A. B., 1896, Island Stanford, Jr., University.	French	Maine st. Elizabeth, D. C.
Rev. Edward Darlington Johnson B. A., 1892, Maryland Agricultural College; Graduate, Louis General Theological Seminary.	Biblical Literature	Pennsylvania 2401 Pa. Avenue, N. W.
James Edgar Hatt B. S., 1899, Columbian University.	Spanish	Indiana Indiana 813 3d Street, N. W.
Robert Stockwell Hatch 1850, Dresden Gymnasium; 1881, Lycee de l'Ecusse, Paris.	American History	Indiana 1140 Connecticut Ave., N. W.
Frederick Charles Hicks Ph. B., 1898, Colgate University.	Economics	New York 154 A Street, N. R.

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For the Doctor of Master of Arts

NAME.	TOPIC.	RESIDENCE.	ABIDES
Horace Leonard Jones, A. B., 1899, Carson and Newman College.	Economics	Tennessee	\$13 12th Street, N. W.
Paca Kennedy, B. A., 1898, Roanoke College.	English	West Virginia	Theological Seminary, Virginia.
Ernest Pendleton Magruder, B. A., 1895, Johns Hopkins University.	English	Maryland	Collington, Prince George County, Maryland.
Rev. David Wallace Montgomery, A. B., 1889, Hastings College.	Biblical Literature	Virginia	Henderson, Virginia.
Rev. Ernest Moonhead Paddock, A. B., 1894, University of Pennsylvania; Graduate, 1897, Episcopal Theological School, Cambridge, Mass.	Philosophy	Pennsylvania	1723 A Street, N. W.
Perry Spencer Pearson, A. B., 1898, Mercer University.	Philosophy	Georgia	1112 Tenth St., N. W.
Herbert Harry Powell, Ph. B., 1891, Taylor University.	Biblical Literature	Virginia	Theological Seminary, Virginia.

THE SCHOOL OF GRADUATE STUDIES.

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- Avis Lennel Photon Mathematics Krutinsky 140 East Capitol St.
 A. B., 1894, Georgetown College.
- Chas. Francis Phelps Richardson. Continental History . . . Massachusetts . . . Metropolitan Club.
 A. B., 1896, Harvard University.
- Charles Kilbourne Robinson. . . English History New Jersey 1607 S Street, N. W.
 B. S., 1897, Columbian University.
- Grace Colburn Smith. German Literature . . . Maine The General .
 A. B., 1893, Colby University.
- Albert Rhett Stuart. English South Carolina 1226 15th Street, N. W.
 B. A., 1898, Columbian University.
- Evander McIver Sweet, Jr. . . . English Texas 811 K Street, N. W.
 B. A., 1895, Southwestern University.
- Rev. Albert Norman Ward. . . . English Maryland 23 9th Street, S. E.
 A. B., 1895, Western Maryland College.
- Rev. Herbert Ferguson William. Latin Virginia Virginia, Va.
- A. B., 1891, Richmond College.

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FOR THE DEGREE OF MASTER OF ARTS.

NAME.	ADDRESS.
Gustav Ayres..... M. E., 1890, Lehigh University.	Topic: Romance Languages .. Ohio, B. A., 1890, Western Reserve University.

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY.

NAME.	RESIDENCE.	ADDRESS.
Eugene Byrnes..... B. A., 1884, Michigan University; B. S., 1887; LL. B., 1887; LL. M., 1888, Columbian University.	Major: Analytical Chemistry; Minors: Organic Chemistry; Mineralogy.	District of Columbia. 2017 Kalorama Ave., N. W.
Victor King Chestnut..... B. S., 1890, University of California.	Major: Plant Chemistry; Minors: Organic Chemistry; Botany.	Room 149, U. S. Patent Office.
	New York	1104 P Street, N. W.

George Wetmore Colles; Major: Meteorology; Minor: Solar Physics; Massachusetts, 930 T Street, N. W.
 A. B., 1892; Yale University; Minors: Applied Mathematics,
 Mech. E., 1894; Stevens Institute of Technology.

Rev. Frank Leighton Day; Major: Ancient and Maryland, 1302 30th Street, N. W.
 B. A., 1891; M. A., 1896; Roanoke College; B. D., 1895;
 Vanderbilt University. Minors: Sociology; English.

Marion Dorset; Major: Biochemistry; Tennessee, 1120 N. Y. Ave., N. W.
 B. S., 1893; University of Tennessee; M. D., 1896; Columbian University. Minors: Pathology; Bacteriology.

Rev. Benjamin Alfred Dunnin; Major: Philosophy; Maryland, 413 P Street, N. W.
 B. A., 1888; M. A., 1899; Western Maryland College. Minors: Psychology; History of Philosophy.

Charles Russell Ely; Major: Chemistry; Minor: Botany; Mineralogy; Michigan University; M. A., 1892; Gallaudet College.

Fredine Fireman; Major: Chemistry; Minor: Mineralogy; Botany; Hungarian University; M. S., 1898; Columbian University.

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FOR THE DEGREE OF DOCTOR OF PHILOSOPHY.

NAME.	TOPICS.	RESIDENCE.	ADDRESS.
Percival Hall, A. B., 1802, Harvard College; M. A., 1803, Columbia College; M. A., 1808, Columbian University.	Major: Pure Mathematics; Minors: Applied Mathematics, Astronomy.	District of Columbia. Kendall Green.	
William Hamilton, R. A., 1801, Moravian College; Pa.; M. A., 1804, Columbian University.	Major: American History; Minors: English History; Economics.	Pennsylvania	Bureau of Education, N. W.
John Kerfoot Haywood, R. S., 1806, Cornell University.	Major: Agricultural Chemistry; Minors: Analytical Chemistry; Geology.	New York	17 th Corcoran Street, N. W.
Rev. Albert Mayer Hilliker, B. D., 1800, Seabury Divinity School; M. A., 1809, Columbian University.	Major: Philosophy; Minors: History of Philosophy; Philosophy of History.	Minnesota	Theological Seminary, Virginia.
William Mather Lamson, B. S., 1807; C. E., 1809, Columbia University.	Major: Applied Mathematics; Minors: Applied Mathematics, Pure Mathematics.	District of Columbia	239 5th Street, N. E.

Edwin Rufus Lewis Major: Biblical Literature District of Columbia 1623 N Street, N. W.
A. B., 1861; A. M., 1864; An-
herst College; M. A., 1867,
Harvard College; 1871, Union
Theological Seminary.

Rev. Donald Campbell MacLeod Major: Philosophy; Minors: Philoso-
B. A., 1865; M. A., 1868; Frank-
lin College; 1868, Western
Theological Seminary.

Caleb Clark Magruder Major English; Minors: Maryland, Treasury Department.
A. B., 1880; A. M., 1898; Loyola College; J.L. B., 1897; George-
town University; M. A., 1899,
Columbian University.

Stephen Cookman Miller Major: Mineral Chemistry Minnesota 1324 New York Ave,
M. D., 1881; M. S., 1898, Co-
lumbian University; Phar-
D., 1888, Howard University.

Joseph Strayer Mills Major: Chemistry; Mi-
B. A., 1890; M. A., 1893, West-
ern Maryland College.

Charles Moore Harvard College Major: American His-
M. A., 1878, Harvard College; tory; Minors: English
University.

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY.

NAME.	TOPICS	RESIDENCE.	ADDRESS.
Henry Orth, Jr. M. E., 1893; Lehigh University; M. S., 1893, Columbian Uni- versity.	Major: Physical Chem- istry; Minors: Organic Chemistry; Theoretical Chemistry.	District of Columbia.	1011 L Street, N. W.
Clarence Julian Owens B. A., 1893, Carolina College.	Major: English; Minors: History; Philosophy.	South Carolina.	Metropolitan Hotel.
George Edward Patrick B. S., 1873; M. S., 1874, Cor- nell University.	Major: Agriculture Chemistry; Minors: Biochemistry; Paede- riology.	Iowa.	Division of Chemistry, Department of Ag- riculture.
Warren Waverley Phelan B. A., 1894; M. A., 1896, Co- lumbia University.	Major: Comparative Ju- risprudence; Minors: German and Conti- nental History; Polit- ical Philosophy.	New York.	822 Connecticut Ave- nue, N. W.
Edward George Portner B. S., 1897; M. S., 1898, Colum- bian University.	Major: Organic Chemis- try; Minors: Mineral Chemistry; Theoretical Chemistry.	District of Columbia	1104 Vermont Avenue, N. W.
Henry Rogers Pyne B. A., 1893; M. A., 1894, Colum- bian University.	Major: Greek; Minors: Latin; French.	Maine.	1702 S Street, N. W.

Fred Ferguson Reisner B. S., 1897; E. E., 1898; Columbian University.	Major: Physics; Minors: Mathematics; Physical Chemistry.	Major: Physics; Minors: Missouri
John Merriman Reynolds M. A., 1865; Columbian University.	Major: Philosophy; Minors: Continental History; Political Philosophy.	Pennsylvania 1309 Connecticut Avenue, N. W.
Chohei Shirashi 1893; Doshisha University; A. M., 1899; Yale University.	Major: Finance; Minors: Economics; Comparative Jurisprudence.	Japan Japanese Legation.
Christian George Storm B. S., 1888; M. S., 1899; Columbian University.	Major: Chemistry; Minors: Physical Chemistry; Mineralogy.	Wisconsin 316 Delaware Avenue, N. E.
Alexander Summers B. A., 1886; M. A., 1893; University of Tennessee.	Major: Political Philosophy; Minors: Philosophy; Comparative Politics.	Tennessee Bureau of Education.
Ernest Lawton Thurston C. E., 1893; Columbian University.	Major: Graphic Statics; Minors: Higher Calculus; Differential Equations.	District of Columbia 1503 K Street, N. W.
William Allen Wilbur A. B., 1888; A. M., 1894; Brown University.	Major: Philosophy; Minors: Gothic; English History.	Connecticut The Columbian University.

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For the Degree of Doctor of Philosophy.

NAME.	TOPIC.	RESIDENCE.	ADDRESS.
Thomas Albert Williams. B. S., 1889; M. A., 1891, Uni- versity of Nebraska.	Major: Phanerogamic Botany; Minors: Cryphogamic Botany; Grenology.	Nebraska.	Takoma Park, D. C.
Thomas Alfred Witherspoon. B.S., U. S. Naval Academy; I.J. B., 1891; M. S., 1897, Columbian University.	Major: Physical Chem- istry; Minors: Chem- istry, Electricity.	Tennessee.	U. S. Patent Office.
Total			46

THE LAW SCHOOL.

THE FACULTY.

* REV. BENJAMIN L. WHITMAN, D. D., LL. D.,
President.

REV. SAMUEL H. GREENE, D. D., LL. D.,
President pro tempore.

HON. WALTER S. COX, LL. D.,
Dean.

Sometime Associate Justice of the Supreme Court of the
District of Columbia,
Professor of the Law of Real Property and Contracts.

HON. JOHN M. HARLAN, LL. D.,
Associate Justice of the Supreme Court of the United States,
Professor of Constitutional Law, Domestic Relations,
Torts, and Personal Property.

HON. DAVID J. BREWER, LL. D.,
Associate Justice of the Supreme Court of the United States,
Professor of the Law of Corporations and
Equity Jurisprudence.

HON. WILLIAM A. MAURY, LL. D.,
Sometime Assistant Attorney General of the United States,
Professor of Common Law Pleading, Evidence, the
Jurisdiction and Practice of the Federal
Courts, and Insurance.

HON. ANDREW C. BRADLEY, LL. B.,
Associate Justice of the Supreme Court of the District of
Columbia,
Professor of Commercial Paper and Criminal Law.

* Resigned March 31, 1900.

WILLIAM G. JOHNSON, LL. M.

(of the Washington Bar).

Professor of Common Law Practice.

HON. WILLIS VAN DEVANTER

(Assistant Attorney General of the United States).

Professor of Equity Pleading and Practice.

MELVILLE CHURCH, LL. M.,

Professor of the Law of Patents.

WILLIAM F. MATTINGLY, A. M.

(of the Washington Bar),

Professor of Practical Commercial Law.

CHARLES W. NEEDHAM, LL. M.

(of the Washington Bar),

Professor of the History of Law, Trusts, and Trades Unions,
and in charge of the Moot-Court Work.

WALTER C. CLEPHANE, LL. M.,

FRANCIS H. STEPHENS, LL. M.,

Instructors in Moot-Court Work.

EDWIN C. BRANDENBURG, LL. M.,

Instructor in Procedure in Bankruptcy.

COURT OF APPEALS.

WILLIAM F. MATTINGLY, *Chief Justice.*

ANDREW B. DUVAL,

CHARLES W. NEEDHAM, } *Associate Justices.*

CHARLES RAY DEAN, LL. M.,

Secretary of the Schools of Law.

This school was established in 1865, and is the oldest law school in Washington. Men occupying the highest positions in the profession are in its faculty, personal contact with whom is a source of inspiration to every student.

LAW LECTURE HALL.

The University has recently completed and now occupies a new building, known as Law Lecture Hall, devoted exclusively to its "Schools of Law and Diplomacy." It adjoins University Hall, corner Fifteenth and H streets, and is only two blocks from the Executive Mansion. This new building contains three commodious lecture halls, two moot-court rooms, a large and well lighted library-room, and administrative offices. The building is lighted by electricity, handsomely furnished, and well equipped and adapted to the work for which it is designed.

ADMISSION.

Applicants for admission to the First-year class as candidates for a degree must be at least eighteen years of age, and must have had an education equivalent to a high school course.

The educational requirement may be satisfied by a presentation of certificates or by an examination before the Dean. Application blanks will be furnished by the Secretary.

The regular course of study embraces three years. There is also a special course of one year in Patent Law.

A student may be admitted to advanced standing upon furnishing evidence satisfactory to the Dean that he has spent the necessary time and performed the necessary study, whether in another law school or under the direction of a practicing lawyer; but in all such cases he will be required to produce a certificate of the fact or sustain an examination on all the subjects for which he asks credit.

The annual session begins on the first Monday in October, and continues until the Wednesday nearest the first day of June following.

The exercises of the department begin at six o'clock p. m. every week day except Saturday.

The register will be opened for the enrollment of students on the first day of September.

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The University, in October, 1898, increased the regular course of study for candidates for the degree of Bachelor of Laws to three years. The work has been largely increased with a view of giving students that thorough knowledge of the general rules of law and practice which will fit them for the Bar of any State. The course will give the general sources of law, the law upon the great subjects of jurisprudence, and the practical side of legal education. Professors will conduct the study of each subject by lectures, required courses of reading, and class discussions and conferences. The study of special cases upon the various subjects treated and the Moot-Court work have been largely increased, thus bringing before the student the modern applications of law by the courts of the country.

Special instruction and practical work are given the students in the preparation of Contracts, Wills, and in the organization of Corporations. This work is carefully examined and returned to the student, with suggestions by the instructors in charge of the work.

Beginning October 1, 1900, professors will meet each class separately in those subjects which extend through two years of the course, and will hold final examinations on the work assigned during each year.

There will be ten hours per week of class-room work in each year of the course.

COURSES OF INSTRUCTION.

First Year.

After preliminary lectures on the study of law, the courses are as follows:

CLASSIFICATION AND HISTORY OF AMERICAN AND ENGLISH LAW.*—Professor Needham. †One hour.

DOMESTIC RELATIONS.—Professor Harlan. One hour, one-half year. "Brown on Domestic Relations" and special leading cases.

PERSONAL PROPERTY.—Professor Harlan. One hour, one-half year. "Smith on Personal Property" and special leading cases.

* No text book.

† Unless otherwise stated, hours per week throughout the year.

TORTS.—Professor Harlan. One hour. "*Pollock on Torts*" and *special cases*.

CRIMINAL LAW.—Professor Bradley. One hour, one-half year.

REAL PROPERTY.—Professor Cox. Two hours. *Blackstone*.

CONTRACTS, INCLUDING AGENCY, PARTNERSHIP, SALES, BAILMENTS, INSURANCE, ETC.—Professor Cox. One hour. "*Parsons on Contracts*."

COMMERCIAL PAPER.—Professor Bradley. One hour, one-half year.

CLASS CONFERENCES AND SPECIAL ASSIGNMENTS.—Two hours.

First year's instruction will be carried on by topical lectures, supplemented by carefully arranged courses of reading and the study of selected cases which state and illustrate the law. There will be class discussions upon the lectures, and free questioning by students is encouraged. Quiz classes may be formed, and every facility will be afforded the student to aid him in a thorough understanding of the subjects studied.

Second Year.

COMMON LAW PLEADING.—Professor Maury. Two hours. "*Stephen on Pleading*" (Tyler).

EVIDENCE.—Professor Maury. One hour. "*Greenleaf on Evidence*" and *special cases*.

EQUITY JURISPRUDENCE.—Professor Brewer. One hour, one-half year. *Pomeroy, Adams, or Story*.

CONSTITUTIONAL LAW.—Professor Harlan. One hour. *Story*.

CORPORATIONS.—Professor Brewer. One hour, one-half year. *Morawetz, Clark, or Dillon*.

REAL PROPERTY.—Professor Cox. Two hours. *Kent and Tiedeman and special cases*.

CONTRACTS.—Professor Cox. One hour. *Special cases*.

INSURANCE—FIRE, LIFE, AND MARINE.—Professor Maury. One hour.

ORGANIZATION OF TRUSTS AND TRADES UNIONS.—Professor Needham. One hour, one-half year.

CLASS CONFERENCES AND SPECIAL ASSIGNMENTS.—Two hours.

Special courses of reading in text-books and selected cases will be assigned by the professors, and cases will be used in the lectures to illustrate the subject under consideration. Practical work in the preparation of contracts and written obligations of various kinds will be given to students by the professors, and this work carefully examined. The second year students will be divided into sections, and there will be discussions and papers upon the subjects gone over in the first and second years' study.

Third Year.

CRIMINAL PROCEDURE.—Professor Bradley. One hour, one-half year. *May.*

COMMON LAW PRACTICE.—Professor Johnson. One hour. "*Cox's Common Law Practice*" and selected cases.

FEDERAL PROCEDURE.—Professor Maury. One hour, one-half year.

EQUITY PLEADING AND PRACTICE.—Professor Van Devanter. One hour. "*Shipman on Equity Pleading*" and special cases.

PRACTICAL COMMERCIAL LAW.—Professor Mattingly. One hour, one-half year. Special cases.

PROCEDURE IN BANKRUPTCY.—Mr. Brandenburg. One hour, one-half year.

CONTRACT DRAFTING.—Professor Needham.

TESTAMENTARY PRACTICE.—Mr. Clephane. Infants and Lunatics.—Mr. Stephens. One hour, one-half year.

MOOT COURTS.—Professor Needham and Messrs. Clephane and Stephens. Six hours.

The third year course will also be carried on by special lectures and the study of selected cases; special courses of reading will be assigned, and each student in the third year will take

part in the preparation of cases in the Moot Courts, law and equity, upon such a statement of facts as a client would give to a lawyer in active practice, the cases to be carried through from the commencement of the action to a final hearing, according to rules of procedure prepared by the professor in charge of the Moot Courts; cases may be taken by appeal to the Appellate Moot Court, thus giving the student practice and drill in determining what actions will lie upon a given state of facts, what defenses may be interposed, and the various steps in the conduct of cases in court. These courts will be presided over by professors and lawyers from the Washington Bar.

PATENT LAW COURSE.

A special course in Patent Law and Patent Law Practice will be conducted by Professor Church, giving thorough preparation to those who contemplate entering that department of jurisprudence. This course covers a period of eight months, with two lectures or sessions of the Moot Court each week. The degree of Master of Patent Laws will be conferred upon those who pass satisfactory examinations at the close of the term. Only graduates in law or members of the bar are eligible to the degree, but any person qualified to profit by the instruction offered will be admitted to the course.

EXAMINATIONS.

Written examinations will be required upon each subject specified in the courses and will be conducted at the conclusion of each subject. At the close of the third year a general review and examination may be had. The standing of the student upon the several examinations and the regularity of his attendance upon the course will determine his right to the degree.

DEGREE OF BACHELOR OF LAWS.

The degree of Bachelor of Laws will be conferred upon students who shall have passed satisfactory examinations upon the subjects required in the entire course of three years and whose attendance and conduct have been satisfactory to the Faculty.

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FEES AND EXPENSES.

The tuition fee for the regular course is eighty dollars per year of eight months; this to be paid in advance, monthly or quarterly, at the option of the student. The tuition fee for the Patent Law course is forty dollars. A charge of ten dollars in all cases is made for diplomas, and two dollars for library fee each year. Board and lodgings, including heat and light, can be obtained in the city at prices ranging from five dollars per week upward.

A student who withdraws from the Law School in the course of an Academic year is required to give immediate notice to the Registrar of the University.

No deduction from the full year's fees will be made in the case of a student withdrawing in the course of a year unless he gives this notice.

NOTICE.—*Increase of tuition fee.*

Students matriculating for the Academic year beginning October 7, 1901, and thereafter, will be charged a tuition fee of one hundred dollars per annum.

LAW LIBRARY AND READING ROOM.

A well-equipped working library, comprising 3,000 volumes, is open to the students in Law Lecture Hall from nine a. m. to ten p. m.

The library contains the standard text-books, the West Reporter System of Federal and State decisions complete, State Reports, the English Common Law and Chancery Reports, Encyclopædias of Law, Digests, reference books, and current law publications.

Adjoining the Library is a conversation room for students, affording opportunity for consultation.

In addition to these facilities, the students have free access to the great Congressional Library and other public libraries in the city.

ADMISSION TO THE BAR.

By the rules of the Supreme Court of the District of Columbia, applicants for admission to the Bar are required to have

studied law for three years under the direction of a competent attorney, but by those rules the course in the Law School of the University is regarded as discharging this requirement.

PRIZES.

A prize of \$100, called "The Parker Prize," in honor of its donor, the Hon. Myron M. Parker, is awarded each year to the student who passes the best examination for the degree of Bachelor of Laws.

A prize offered by the Edward Thompson Company, of a set of the Encyclopedia of Law, first or second editions, or a set of the Encyclopædia of Pleading and Practice, is awarded each year to the student who shall write the best thesis on some legal subject to be assigned by the Faculty.

Three prizes—one of \$40, one of \$30, and one of \$20—are annually given to the respective authors of the best three essays handed in by such members of the Third Year Class as shall compete for them and shall pass a successful examination.

Two prizes for excellence in debate are awarded by the Debating Society.

Prize Awards, 1899.

M. M. Parker Prize	George T. May, Jr.
Edward Thompson Company Prize.	Edward Everett Denison.
First Essay Prize.....	Herbert F. Harris.
Second Essay Prize.....	Ewin Lamar Davis.
Third Essay Prize	Jabe C. Reader.
First Debater's Prize.....	Jabe C. Reader.
Second Debater's Prize.....	Adam McMullen.

Graduates of the Law School with the degree of Bachelor of Laws are admitted without examination to the School of Comparative Jurisprudence and Diplomacy for the degrees of Master of Laws, Doctor of Civil Law, and Master of Diplomacy.

For catalogues and further information, address the SECRETARY OF THE SCHOOLS OF LAW, 1420 H Street, Washington, D. C.

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STUDENTS OF LAW.

Third Year Class, or Candidates for the Degree of Bachelor of Laws.

Names.	State.	Address.
Alexander, Thomas W.....	N. C....	1112 13th Street.
Butler, Ulysses.....	D. C....	621 23d Street.
Clifton, Horace Bardford.....	D. C....	2819 Q Street.
Cooper, George Houston, Jr.....	D. C....	1132 5th Street.
Dilworth, Dwight P.....	Kans....	828 12th Street.
Herbert, William Carlyle.....	Va.....	116 Wash. St., Alex.
Holton, Fred J.....	Utah....	1312 8th Street.
Hume, Robert Scott.....	Va.....	1235 Mass. Avenue.
	A. B., Yale University, 1898.	
Jenson, Nels	Utah....	1312 8th Street.
Kodera, Keukichi.....	Japan....	617 H Street.
Loucks, Edwin O.....	D. C....	1911 4th Street.
McClure, William E.....	D. C....	909 N. Y. Avenue.
	A. B., University of Oregon, 1898.	
Merritt, Norman L.....	N. Y....	2503 14th Street.
Sartoris, Algernon.....	D. C....	2111 Mass. Avenue.
Sloan, Austin Clark.....	Wyo....	201 North Capitol St.
Stewart, Charles R	Texas....	1319 Vermont Ave.
Stuart, Albert Rhett.....	S. C....	1228 15th Street.
	A. B., The Columbian University.	
Stuart, James.....	Ohio....	1016 11th Street.
Sweeney, James G.....	Nev....	1118 N. Y. Avenue.
	A. B., St. Mary's College, Cal.	
Thomson, Alfred Nevette.....	W. Va....	1215 I Street.
Thurman, Richard B.....	Utah....	Care U. S. Senate.
Warren, Edward M.....	N. D....	804 N. C. Avenue.

Second-Year Class.

Name.	State.	Address.
Anderson, Dwight.....	D. C....	1008 F Street.
Athey, Thomas Franklin.....	Mo....	158 F Street, S. E.
Austin, William Morris.....	D. C....	2017 O Street.
	B. S., Trinity College, 1898.	
Ballinger, John H.....	Iowa....	2231 I Street.
Barclay, Fred Homer	Wyo....	Hotel Stratford.

Name.	State.	Address.
Boyle, John.....	Pa.....	4015 8th Street.
Bissell, William.....	Md.....	Patent Office. A. B., Johns Hopkins University, 1891.
Blackwood, Don Piatt.....	D. C....	3233 N Street.
Brothers, Maxwell Rice	Miss....	1931 K Street.
Broughton, William G.....	Ill.....	1629 Q Street. Ph. B., University of Chicago.
Browne, Frederick W.....	Iowa...	909 N. Y. Avenue.
Caldwell, J. Mentor.....	W. Va..	1208 M Street.
Calfee, Robert M.....	Va.....	 A. B., Roanoke College, 1893.
Campbell, Edward K.....	Ohio ...	1004 M Street.
Cannon, H. M.....	D. C....	1414 Q Street.
Champion, Robert.....	D. C....	1113 I Street, S. E.
Clark, Reed Paige.....	N. H...	1424 11th Street. A. B., The Columbian University, 1898.
Conwell, Lewis Colfax.....	Iowa...	6th Auditor's Office.
Cox, Joseph Winston.....	Va....	Equity Building.
Dodge, Arthur J.....	D. C....	3401 Holmead Ave.
Dryden, Martin Thomas.....	D. C....	318 6th Street, N. E.
Dudley, John G.....	N. C....	817 15th Street.
Duncan, George Russell	Ill.....	1219 Yale Street.
Evans, Frank P.....	D. C....	1604 15th Street.
Fullilove, Samford C.....	La.....	1931 K Street. A. B., Centenary College, 1896.
Gaines, Herman Charles.....	Conn...	24 6th Street, S. E.
Goldberg, Louis.....	N. Y....	1012 N Street.
Gordon, Allen T. C.....	D. C....	6 Cooke Place.
Graves, James Harwood.....	Va.....	1463 Kenesaw Ave.
Greene, Warren Earle.....	R. I....	1302 L Street. B. P., Brown University.
Greene, William Armstrong...	N. J....	2032 O Street.
Greer, Walter Andrew	Mo....	43 L Street, N. E.
Gunderson, Henry E.....	Wis....	514 3d Street.
Hearn, Wilfred	Ark....	1414 Q Street.
Hench, John K.....	Pa....	Pension Office.
Herrick, Samuel.....	Pa....	1644 21st Street.
Holloway, W. H.....	N. C....	1638 16th Street.
Hopkins, Marcus C.....	D. C....	1002 11th Street.

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Name.	State.	Address.
Howard, William W. J.....	Colo....	1108 N. Y. Avenue.
Huggett, M. Charles.....	Mich....	1403 H Street.
Huidekoper, Frederic L.....	D. C....	1705 N. H. Avenue.
Hume, Thomas L.....	D. C....	1413 29th Street.
Johnson, Benjamin R.....	N. Y....	1829 G Street.
	A. B., Hamilton College.	
Johnston, Robert.....	Wyo....	720 17th Street.
Jones, Henry Elihu.....	Minn....	1205 N Street.
Lewis, Samuel S.....	Pa.....	905 H Street.
Long, Edward S.....	Ky.....	1442 S Street.
Matthews, Win. Baynham, Jr.	D. C....	1463 Kenesaw Ave.
McCormick, Howard.....	D. C....	Navy Yard.
Merrill, Thomas Sherlock.....	D. C....	416 T Street.
Moores, Edward S.....	Wis....	467 M Street.
Paglesen, Edward N.....	Mich....	1308 I Street.
	B. S., Michigan Agricultural College.	
Parker, Brainard Warner.....	D. C....	1829 19th Street.
	A. B., Yale University.	
Peters, Arthur S.....	D. C....	1354 Columbia Road.
Plant, Arthur G.....	D. C....	918 M Street.
Plumley, Walter Preston.....	D. C....	408 H Street.
Pratt, Clarence H.....	D. C....	1300 Pa. Avenue.
Proctor, Alfred W.....	Mass....	Patent Office.
Reed, Harry D.....	Ga.....	2434 Pa. Avenue.
Reinohl, William Parker.....	D. C....	611 Q Street.
Renaud, Frank N.....	Mich....	1403 H Street.
Richardson, Charles F. P.....	Mass....	1812 I Street.
	A. B., Harvard College, 1896.	
Richardson, Harris P.....	N. Y....	1931 K Street.
Robinson, Frank S.....	Iowa....	1005 13th Street.
	B. A., Iowa Wesleyan University.	
Schell, Augustus P.....	Ky.....	440 K Street.
Smith, Robert Everett.....	Iowa....	1004 M Street.
Soult, Will Eugene	Colo....	442 N. Y. Avenue.
Spear, Edwin E.....	D. C....	2750 14th Street.
	A. B., Bowdoin College.	
Stephens, Robert Allan.....	Ill....	Winder Building.
Stewart, William Henry.....	Ga....	1004 M Street.
Talbott, James D.....	Ill....	929 Farragut Square.
Tallman, Roy Warner.....	Minn...	20 N. Y. Ave., N. E.
	B. A., University of Minn.	

Name.	State.	Address.
Thomas, Thomas	Ohio	1710 G Street.
Veeder, C. A.	Wis.	442 N. Y. Avenue.
Walter, Luther M.	Ky.	713 9th Street.
B. E., N. N. University of Lebanon, Ohio.		
Wilson, Sidney S.	Mo.	904 B Street, S. W.
Wingfield, Thomas J.	Va.	1519 T Street.
Woodward, W. Theo.	Iowa.	225 Indiana Avenue.
Wooster, Julian S.	Conn.	Patent Office.
Workman, Henry C.	Mich.	Patent Office.
B. S., The Columbian University		
Yellott, R. E. L.	Va.	1748 Corcoran Street.

First-Year Class.

Name.	State.	Address.
Allan, Alexander R.	D. C.	522 6th Street, S. E.
Altschu, John Henry.	D. C.	1334 G Street.
A. B., The Columbian University.		
Atwater, W. L.	N. Y.	2221 F Street.
Barber, Harry A.	N. Y.	930 I Street.
Barnes, John Howard.	Kans.	2463 6th Street.
Barnett, Marcus Whitman.	Idaho.	910 I Street.
A. B., University of Idaho.		
Beall, George W. C., Jr.	Md.	Derwood, Md.
Bell, David W.	N. C.	1331 Kenesaw Street.
Benjamin, Melvin G.	Ohio....	531 T Street.
Bennett, Thomas E.	D. C.	625 F Street.
Berry, E. Benton	Md.	2118 Conn. Avenue.
Bethune, John Franklin.	D. C.	818 D Street, N. E.
Booth, Thomas B.	Conn.	1828 13th Street.
B. S., Massachusetts Institute of Technology		
Bowker, Edgar Marshall.	N. H.	938 N. Y. Avenue.
Breckinridge, Lucien S.	D. C.	1314 Conn. Avenue.
Brewster, Edward C.	Ind.	Post Office Dept.
Brown, Henry Philip.	N. J.	807 I Street.
Burrough, Frank G.	D. C.	114 11th Street, S. E.
Burton, George William.	Ill.	1501 Park Street.
Butts, Frank Graham.	D. C.	918 T Street.
Castle, Ernest B.	N. Y.	

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Name.	State.	Address.
Challice, John Gray.....	D. C.	1003 24th Street.
Chase, George G.....	D. C.	1201 Whitney Ave.
Clement, Charles Wolvorton.....	Pa.	1454 Howard Ave. B. S., Bucknell University, 1898.
Clendening, Thomas C.....	Ill.	1903 G Street. Ph. B., University of Chicago.
Colburn, Albert E.....	D. C.	1233 G Street.
Collette, Clay G.....	D. C.	1419 F Street.
Coryell, Claude H.....	Mich.	1637 R Street.
Cram, Archer Parris.....	Maine	1402 L Street.
Crossman, Charles I.....	Va.	Falls Church, Va.
Cummings, O. G.....	Ala.	1202 Q Street.
Cunningham, Carl German.....	N. Y.	Patent Office. Ph. B., Hamilton College
Dawson, William Charles.....	Mo.	The Bancroft.
Dees, J. Homer.....	D. C.	119 B Street, S. W.
Downs, John Lenhart.....	D. C.	224 North Capitol St.
Duckett, T. Howard.....	Md.	730 21st Street.
Duvall, Andrew B., Jr.....	D. C.	1831 M Street. A. B., Princeton University.
Eaton, Frederic Jefferson.....	Wis.	1415 15th Street.
Eaton, Lee Kimball.....	Wis.	1414 15th Street. A. B., Williams College.
Esterly, Burton Haines.....	Wis.	1115 East Capitol St. B. S., University of Wisconsin, 1897. M. S., The Columbian University, 1898.
Evans, Maurice P.....	Va.	1010 F Street.
Everett, Frank Norton.....	D. C.	1614 Riggs Place.
Ewell, Ervin E.....	Mich.	1804 S Street. B. S., University of Michigan.
Fluckey, I. N.....	Ill.	1207 Mass. Ave., S. E.
French, Leon L. L.....	D. C.	36 I Street.
Garman, Paris Arthur.....	Ark.	1411 K Street.
Garner, Harry Summers.....	Pa.	Light-House Board.
Gates, Merrill Edward, Jr.....	D. C.	1315 N. H. Avenue. A. B., Amherst College.
Gold, Hunter Boyd.....	Va.	The Lafayette.
Goshert, Christie Seymour.....	Mo.	U. S. Fish Comm'n.
Graham, Walter Baber.....	Kans.	1327 North Capitol St. B. A., University of Kansas.

Name.	State.	Address.
Haas, Edwin Booth.....	D. C....	1473 Kenesaw Ave.
Hall, John E. M.....	D. C....	The Ardmore.
Harding, Louis L.....	D. C....	310 Mass. Ave., N. E.
Hastings, Daniel O.....	Del....	2018 H Street.
Hanson, Henry O.....	D. C....	915 16th Street.
Hattabaugh, Murray Reese.....	Idaho...	16 4th Street, N. E.
Haws, Samuel N.....	Tenn...	813 12th Street.
Hayes, John W.....	D. C....	220 North Capitol St.
Heath, Thomas Ramsdell.....	D. C....	528 Spruce Street.
Heylman, Clarence Gobin.....	D. C....	1512 T Street.
Holden, Delos	N. Y....	908 H Street.
Holmes, Edward Wilson.....	Del....	926 Mass. Avenue.
Holmes, Robert J.....	Neb....	1118 N. Y. Avenue.
Holzberg, Berend P.....	D. C....	1011 24th Street.
Horne, William Walker.....	Ga....	1120 13th Street.
Horstmann, Ferdinand Oden,Jr.	D. C....	1710 R. I. Avenue.
Howell, Wheeler.....	Ohio....	1111 11th Street
Hunter, Edmund P.....	Va....	Corcoran Building.
Hutchinson, James Edwin, Jr.	D. C....	904 Pa. Ave., S. E.
Hyman, Harry	Texas...	606 9th Street.
Johnson, Charles Tibbitts, Jr.	N. Y....	1600 1st Street, N. E.
Jones, Bruce C.....	Ga....	1527 Corcoran Street.
Lamborn, Charles C.....	D. C....	1510 S Street.
Lockwood, Carl.....	D. C....	21 7th Street, S. E.
Lundy, Edwin King	D. C....	808 N. C. Ave., S. E.
Marris, Claude F.....	Mo....	4 Jackson Place.
Mason, Maynadier M.....	D. C....	1827 H Street.
McCreary, James B.....	N. Y....	1360 Harvard Street.
McElhone, Arthur J.....	D. C....	1110 M Street.
McEnerly, C. P.....	La.....	Metropolitan Hotel.
McLean, Hubert G.....	Mich...	222 Mass. Avenue.
McNeil, Walter Anderson.....	Tenn...	1719 G Street.
Meem, Harry Grant.....	D. C....	2011 F Street.
Mothershead, J. Francis H....	D. C....	1322 6th Street.
Moulton, Harry Dodge.....	D. C....	717 8th Street.
Nelson, George Bliss.....	Wis....	51 D Street, S. E.
Norris, James Lawson, Jr.....	D. C....	331 C Street.
A. B., Princeton University, 1899.		
Oberlin, Paca.....	Va....	55 Mass. Avenue.
Oberlin, Stuart E.....	Va....	55 Mass. Avenue.

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1894-1900

Name.	State.	Address.
Osborne, John Herbert.....	Ind.....	4 Jackson Place.
Pack, Harold J.....	Pa.....	707 12th Street.
Pearson, Perry Spencer.....	Ga.....	1112 10th Street. A. B., Mercer University, Georgia.
Peelle, Stanton C.....	D. C....	The Concord. A. B., The Columbian University.
Pines, George Samuel.....	Ill.....	Treasury Dep't.
Pitcher, Eugene H.....	Ill.....	1201 East Capitol St.
Proctor, Edgar C.....	D. C....	921 P Street.
Radelfinger, Frank Gustave.....	Cal....	912 S Street. B. S., University of California.
Rawlings, Richard Galt.....	D. C....	1505 Pa. Avenue.
Ray, Preston Blair.....	Md....	Forest Glen, Md. B. S., The Columbian University.
Redington, Walter Powell	D. C....	1749 Q Street. A. B., Princeton University.
Reece, Harvey W.....	Mass....	219 8th Street, S. E.
Renick, Miles Jackson.....	N. Y....	Treasury Dep't.
Rhodes, John D.....	D. C....	321 H Street, N. E.
Richards, J. Donald.....	Va.....	723 8th Street.
Rogers, Clyde L.....	N. Y....	Patent Office. A. B., Alfred University, 1899.
Ryder, Harold R.....	Pa.....	1312 8th Street.
Senft, Christian.....	Pa.....	205 9th Street, S. W.
Shadle, John T.....	D. C....	711 11th Street.
Simpson, Laeey Moore.....	Kans....	724 9th Street.
Sleman, Paul E.....	D. C....	3008 15th Street.
Smith, John Lewis.....	D. C....	Loan and Trust Bldg.
Stevens, Lucius Kelsey	Conn....	1829 G Street. A. B., Hamilton College.
Stone, Frank T.....	Va.....	2d St. and Pa. Ave., S. E.
Stovall, William H.....	Tenn...	1028 17th Street.
Swan, Arthur Rogers.....	D. C....	1253 Kenesaw Street.
Swift, Granville R.....	Va.....	1536 I Street.
Taggart, Eugene Henry.....	Ohio...	1604 15th Street.
Thomas, Clarence Lot.....	Iowa.	
	A. B., Leland Stanford University.	
Thompson, Ward E.....	Ill.....	1358 Harvard Street.
Todd, George Carroll	Va.....	221 9th Street, N. E. B. S., The Columbian University.

Name.	State.	Address.
Tower, Edwin B. H., Jr.	N. Y.	1240 Princeton St.
Trickey, Corridon Heath.	Fla.	243 10th St., N. E.
Tulloch, Henry V.	D. C.	121 B Street, S. E. A. B., Princeton University.
Vass, George Oakley.	Cal.	1316 L Street.
Vickery, Rupert.	W. Va.	1119 K Street.
Vincent, Burtran W.	Texas.	1110 13th Street
Whelpley, J. R.	D. C.	800 E. Capitol Street. C. E., Cornell University.
Wumbaugh, William Jacob.	Pa.	229 13th St., S. W.
White, Wallace H., Jr.	Maine.	1402 L Street. A. B., Bowdoin College, 1899.
Williams, Robert Lincoln.	Colo.	1313 T Street.
Wilson, Charles McCormick.	D. C.	2909 Q Street.
Wilson, Thomas B.	Wash.	221 A Street, N. E.
Wood, Charles Edwards.	D. C.	2309 18th Street.

Special Students.

Name.	State.	Address.
Adams, Benjamin F.	N. H.	1217 L Street. A. B., Dartmouth, 1897.
Barksdale, A. Arnold.	La.	808 12th Street.
Breazeale, Ross E.	La.	Willard's Hotel.
Polk, Charles M.	Ark.	1006 11th Street.
Thompson, Henry Rice.	D. C.	2023 Hillyer Place.
Weeks, Frederick B.	Mo.	2715 U Street.
Weeks, R. Prentiss.	Mo.	2715 U Street. LL. B., University of Arkansas.

Students in Patent Law.

Name.	State.	Address.
Allyn, Robert Starr.	Conn.	1016 10th Street. B. S., Massachusetts Institute of Technology; LL. B., National University Law School.
Ames, Robert L.	Mich.	Patent Office. B. S., University of Michigan LL. B., The Columbian University.
Cromwell, William Nevarre.	D. C.	1314 V Street. LL. B., The Columbian University.

WASHINGTON, D. C.

1894-1900

Name.	State.	Address.
Donaldson, Walter.....	D. C....	22 R Street, N. E.
Hall, William Fairfax.....	D. C....	134 10th Street, N. E. LL. B., The Columbian University.
Hamlin, George R.....	D. C....	1320 Riggs Street. LL. B., LL. M., National University.
Milans, Joseph H.	D. C....	626 F Street. LL. B., The Columbian University.
Oliver, Robert Taylor.....	D. C....	1604 Q Street. LL. B., LL. M., The Columbian University.
Vaill, Edward W., Jr.....	D. C....	Patent Office. B. S., Worcester Polytechnic Institute; LL. B., The Columbian University.
Woodworth, George Keen.....	D. C....	1424 S Street. M. E., Cornell University, 1890; M. S., The Columbian University, 1899.

Recapitulation.

Third, or Senior Year.....	22
Second, or Middle Year.....	81
First, or Junior Year.....	134
Students in Patent Law.....	10
Special Students.....	7
Total.....	254

THE SCHOOL OF COMPARATIVE
JURISPRUDENCE AND
DIPLOMACY.

THE GRADUATE COURSE.

BOARD OF VISITORS.

HON. MELVILLE W. FULLER, LL. D.,
Chief Justice of the United States.

HON. JOHN HAY, LL. D.,
Secretary of State.

HON. LYMAN J. GAGE, LL. D.,
Secretary of the Treasury.

HON. HENRY B. BROWN, LL. D.,
Associate Justice of the Supreme Court of the United States.

HON. CUSHMAN K. DAVIS, LL. D.,
United States Senator from Minnesota.

HON. CHAUNCEY M. DEPEW, LL. D.,
United States Senator from New York.

HON. JOHN F. DILLON, LL. D.,
Formerly Judge of the Circuit Court of the United States.

HON. WILLIAM LINDSAY, LL. D.,
United States Senator from Kentucky.

HON. FRANK A. VANDERLIP,
Assistant Secretary of the Treasury.

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THE FACULTY.

* REV. BENAIAH L. WHITMAN, D. D., LL. D.,
President,

Political History and Science.

Political Geography.

REV. SAMUEL H. GREENE, D. D., LL. D.,
President pro tempore.

CHARLES W. NEEDHAM, LL. M.,
Dean,

The Common Law; Transportation and Interstate Commerce
Law.

HON. JOHN M. HARLAN, LL. D.

(Associate Justice of the Supreme Court of the United States),
Constitutional Law, Comparative Constitutional Law, and
Conflict of Laws.

HON. DAVID J. BREWER, LL. D.

(Associate Justice of the Supreme Court of the United States),
International Law.

HON. JOHN W. FOSTER, LL. D.

(Ex-Secretary of State),
Diplomacy and Treaties of the United States; Duties of
Ambassadors, Ministers, and Consuls; Boards of
Arbitration.

HON. DAVID J. HILL, LL. D.

(Assistant Secretary of State),

European Diplomacy and Treaties.

* Resigned March 31, 1900.

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 169

HON. WILLIAM WIRT HOWE, LL. D.

(of the New Orleans Bar).

Ancient Law, Roman Law, Medieval and Modern Civil Law.

JOSEPH FRENCH JOHNSON, A. B.,

Money, Credits, and Foreign Exchange.

HON. MARTIN A. KNAPP, LL. D.

(Chairman Interstate Commerce Commission),

Interstate Commerce Law.

HON. WILLIAM P. WILSON, Sc. D.

(Director of the Philadelphia Commercial Museum),

International Trade and Commercial Geography.

HON. CARROLL D. WRIGHT, LL. D.

(Commissioner of the Department of Labor),

Statistics and Social Economics.

LECTURERS.

HON. LYMAN J. GAGE, LL. D.

(Secretary of the Treasury).

Lecturer on Public Finance, Money, and Credits.

EDWARD H. STROBEL, LL. B.

(Of Harvard University),

Jurisprudence of France and of Spain.

N. W. HOYLES, Q. C.

(Principal, Toronto Law School),

Jurisprudence of Canada.

CHARLES RAY DEAN, LL. M.,

Secretary of the Schools of Law,

WASHINGTON, D. C.

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Special lectures upon the jurisprudence of England and her Colonies, Germany, Austro-Hungary, Italy and Colonial Law will be announced during the year.

A course of lectures upon the Organization of the Diplomatic Service of Other Nations, the History of International Conventions, and the Lives of Great Men will be delivered by some of the Diplomatic Corps resident in Washington and by other distinguished public men.

ASSIGNMENTS.

First Year.

CONSTITUTIONAL LAW OF THE UNITED STATES. One hour.*
PROFESSOR HARLAN. *Story on the Constitution.*

COMPARATIVE CONSTITUTIONAL LAW.† One hour, one-half year.
PROFESSOR HARLAN.

CONFlict OF LAWS. One hour, one half year. PROFESSOR HARLAN. *Story.*

INTERNATIONAL LAW. One hour. PROFESSOR BREWER. *Hall.*

ROMAN LAW. One hour, one-half year. PROFESSOR HOWE.
Studies in the Civil Law. Howe.

TRANSPORTATION AND INTERSTATE COMMERCE LAW.† One hour.
PROFESSOR NEEDHAM.

POLITICAL HISTORY AND POLITICAL GEOGRAPHY.† One hour
THE PRESIDENT.

HISTORY OF DIPLOMACY AND TREATIES OF THE UNITED STATES.†
One hour, one-half year. PROFESSOR FOSTER.

STATISTICS AND SOCIAL ECONOMICS. One hour. PROFESSOR WRIGHT.

* Unless otherwise stated, hours per week throughout the year.

† No text book.

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 171

ADMINISTRATIVE LAW.* One hour, one-half year.

LATIN, FRENCH, GERMAN, AND SPANISH. (Special)

Five hours each week will be devoted to class discussions and conferences, conducted by professors and instructors.

Second Year.

POLITICAL SCIENCE.* One hour. THE PRESIDENT.

HISTORY OF DIPLOMACY OF THE UNITED STATES, ORGANIZATION OF THE STATE DEPARTMENT, DUTIES OF AMBASSADORS, MINISTERS, AND CONSULS, AND INTERNATIONAL ARBITRATION.* One hour. PROFESSOR FOSTER.

HISTORY OF EUROPEAN DIPLOMACY AND TREATIES.* One hour. PROFESSOR HILL.

LAWS OF ANCIENT NATIONS.* One hour.

- (a) History and General Principles of the Laws of India, Egypt, Palestine, and Greece. PROFESSOR HOWE.
- (b) History and General Principles of Roman Law to and including the time of Justinian. PROFESSOR HOWE.
- (c) A General View of the Law in Europe during the Middle Ages. PROFESSOR HOWE.
- (d) The Extension of the Roman Law into some of the Modern States. PROFESSOR HOWE.

THE COMMON LAW, ITS HISTORY AND EXTENSION INTO SOME OF THE MODERN STATES. One hour. PROFESSOR NEEDHAM.

JURISPRUDENCE OF FRANCE AND SPAIN. PROFESSOR STROBEL.

JURISPRUDENCE OF CANADA. PROFESSOR HOYLES.

INTERNATIONAL LAW.* One hour, one-half year. PROFESSOR BREWER.

INTERNATIONAL TRADE AND COMMERCIAL GEOGRAPHY.* One hour, one-half year. PROFESSOR WILSON.

FINANCE.* One hour. PROFESSOR JOHNSON.

* No text book.

WASHINGTON, D. C.

1894-1900

FINANCE. Special lectures by Hon. LYMAN J. GAGE.

LATIN, FRENCH, GERMAN, AND SPANISH. (Special.)

Special Lectures, Class Discussions and Conferences, five hours.

The class-room work for each year will occupy about ten hours—two hours every week day except Saturday.

COURSES OF INSTRUCTION.

LAW SECTION.—Leading to the degree of Master of Laws.
One year.

1. REGULAR COURSE.

Constitutional Law of the United States.

Conflict of Laws.

International Law.

Roman Law.

Transportation and Interstate Commerce Law.

Political History.

2. ELECTIVE COURSE.

Comparative Constitutional Law.

Administrative Law.

Colonial Law.

3. CONFERENCES FOR REVIEW AND EXAMINATION.

Constitutional Law.

Conflict of Laws.

International Law.

Roman Law.

Transportation and Interstate Commerce Law.

Political History.

NOTE.—Students in this course may take the Moot-Court work in the Law School without extra charge.

* No textbook.

LAW SECTION.—Leading to the degree of Doctor of Civil Law. Two years.

1. REGULAR COURSE, FIRST YEAR.

- Constitutional Law of the United States.
- Comparative Constitutional Law.
- Conflict of Laws.
- International Law.
- Roman Law.
- Transportation and Interstate Commerce Law.
- Political History.
- Political Geography.
- Colonial Law.
- Latin and French, German or Spanish (special).

2. ELECTIVE COURSE.

- History of Diplomacy of the United States.
- History of Treaties to which the United States has been a party.
- Administrative Law.
- Statistics and Social Economics.

3. CONFERENCES FOR REVIEW AND EXAMINATION.

- Constitutional Law of the United States.
- Conflict of Laws.
- International Law.
- Roman Law.
- Transportation and Interstate Commerce Law.
- Political History and Political Geography.

4. REGULAR COURSE, SECOND YEAR.

- Political Science.
- Comparative Jurisprudence.
- Laws of India, Egypt, Palestine, and Greece.
- Roman Law to and including the time of Justinian.
- General View of the Law in Europe during the Middle Ages.
- The extension of the Roman Law into some of the Modern States.

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Common Law of England; its history and extension into some of the Modern States.

Jurisprudence of England and her Colonies; France, Germany, Austro-Hungary, Italy, and Spain.

International Law

Latin and French, German or Spanish (special).

5. ELECTIVE COURSE.

History of Diplomacy of the United States.

International Arbitration.

History of European Diplomacy and Treaties.

International Trade.

Finance.

6. CONFERENCES FOR REVIEW AND EXAMINATION.

Political Science.

Comparative Jurisprudence.

International Law.

DIPLOMATIC SECTION.—Leading to the degree of Master of Diplomacy. Two years.

1. REGULAR COURSE, FIRST YEAR.

Political History.

Political Geography.

History of Diplomacy of the United States.

History of Treaties to which the United States has been a Party.

International Law.

Commercial Geography.

Statistics and Social Economics.

French, German, or Spanish (special).

2. ELECTIVE COURSE.

Constitutional Law of the United States.

Comparative Constitutional Law.

Conflict of Laws.

Administrative Law.

Colonial Law.

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3. CONFERENCES FOR REVIEW AND EXAMINATION.

Political History and Political Geography.
History of Diplomacy of the United States.
History of Treaties to which the United States has
been a Party.
International Law.
Commercial Geography.
Statistics and Social Economics

4. REGULAR COURSE, SECOND YEAR.

Political Science.
History of Diplomacy of the United States.
Organization of the State Department.
Duties of Ambassadors, Ministers, and Consuls.
International Arbitration.
History of European Diplomacy and Treaties.
European Diplomatists.
International Law.
International Trade and Commercial Geography.
Finance.
French, German, or Spanish (special).

5. EXECUTIVE COURSE.

Laws of Ancient Nations.
Common Law of England.
Course in Comparative Jurisprudence.

6. CONFERENCE FOR REVIEW AND EXAMINATION.

Political Science.
History of Diplomacy of the United States.
Organization of the State Department.
Duties of Ambassadors, Ministers, and Consuls.
International Arbitration.
History of European Diplomacy and Treaties.
International Law.
International Trade and Commercial Geography.
Finance.

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METHOD OF INSTRUCTION AND STUDY.

Professors will conduct the study of the subject to which they are assigned by lectures, required courses of reading, and class discussions and conferences. Where a subject is divided into different branches or subdivisions, special lecturers will be introduced who are specially qualified to speak upon the subject assigned.

All subjects will be studied historically and comparatively and with a view to arriving at the present conditions and state of the law.

Class discussions and conferences will follow each lecture, and students will be encouraged to make original research and report their work to the class.

COMPARATIVE JURISPRUDENCE. This course will begin with the study of the laws of primitive people, the laws of India, Egypt, Palestine, and Greece: following this with a study of the Roman Law as derived from Greece and developed in Rome itself, down to the time of Justinian: then taking a general view of the law in Europe during the Middle Ages and tracing the Roman Law to the modern nations in which it now prevails. The rise of the Common Law and its extension to the nations in which it prevails will be carefully considered, and then the jurisprudence of the great modern States will be studied, giving to each a special lecture course, with class discussions. The relations of England to her colonial empire, and the federal system existing in Canada will receive special attention. All statutory laws which have a bearing upon the exercise of national power and which affect the relations of nations with each other, as well as the fundamental law, will be studied in each course.

This subject will be under the general supervision of the Dean, and lecturers will be appointed upon the jurisprudence of each nation.

COMPARATIVE CONSTITUTIONAL LAW. This subject will be studied by first considering in a thorough and comprehensive manner the subjects and the scope of the Constitution of the United States: next taking the constitutions of other nations, studying their sources and subjects, comparing their provisions

in the light of judicial interpretation by the highest courts of the country with the Constitution of the United States as construed by the Supreme Court of the United States, giving the student a thorough knowledge of the statement of constitutional law in the various countries, the scope of each, the subjects treated, the judicial construction, and the points in which our Constitution differs from that of other nations.

INTERNATIONAL LAW. This subject will be studied with reference to its sources, its sanctions, its present condition, and the lines and scope of its probable development.

HISTORY OF DIPLOMACY AND TREATIES OF THE UNITED STATES. The course of lectures on American Diplomacy will embrace the duties of ambassadors and ministers; duties of consuls; treaties, their method of negotiation, various forms of, attitude of Congress, rulings of Supreme Court, and historical sketch of most important American treaties; arbitration, principles of, organization and method of procedure; and the Monroe Doctrine.

HISTORY OF EUROPEAN DIPLOMACY AND TREATIES. Approaching diplomacy not merely as the science of the relations of sovereign States and the art of conducting negotiations between them, but primarily as the actual transaction of international business, the course of instruction will aim to show what European diplomacy really is by the examination of its history. As all important international transactions are summed up and embodied in definite treaties and conventions, the subject can be most profitably discussed by an analysis of these documents, supplemented by an account of the persons, interests, events, forms, ceremonies, and negotiations that have contributed to their development. By this method it is hoped that it may be possible not only to derive inductively the principles of diplomacy as an art and as a science, but also to present an exposition of the present international relations of Europe as determined by the great treaties, from the Congress of Westphalia to the Congress of Berlin, showing the existing affinities, antagonisms, and tendencies of the chief European powers.

POLITICAL HISTORY AND SCIENCE; POLITICAL GEOGRAPHY IN ITS RELATION TO POLITICAL HISTORY. The work in this depart-

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ment is designed to put the student in possession of the main results of political development, enabling him to follow the course of history, both in its geographical and in its political movement, with special reference to the structure and influence of the States whose work has been worth most to the world.

FINANCE. This subject will be treated broadly with reference to international relations in commerce and banking. It will consider the nature and functions of money and credits and their international circulation; also the subject of Public Finance, including the sources of government revenues, bond issues, taxation, the disbursement of the revenues, and the organization of the Treasury Department.

INTERNATIONAL TRADE AND COMMERCIAL GEOGRAPHY. This course will treat of the products of the United States which are the subjects of international trade; where like products are grown or manufactured, and the markets for the same, giving the general currents or geography of trade and commerce and showing how affected by treaties and legislation, and the services of diplomatic and consular agents of the United States.

TRANSPORTATION AND INTERSTATE COMMERCE LAW. This subject will be treated historically, beginning with the public highway, the use of navigable waters, and the construction and operation of canals and railroads; observing the rights of the public; the relations of owners of railroads to the management and the public; theory and practical working of competition and combination; legislative control, and reviewing the Interstate Commerce Law and the decisions thereunder.

STATISTICS AND SOCIAL ECONOMICS. The aim will be to teach the principles, theory, and practice of the statistical method, illustrating its use and abuse in presenting data relating to population, production, commerce, wages, prices, crime, etc. Under social economics the course will deal with principles of social economics, elements of industrial society, systems of industry, evolution of manufactures, the factory system, the regulation of labor, strikes, arbitration, effects of machinery, prison labor, cooperation, savings institutions, labor legislation, labor organizations, socialism, etc., etc.

HISTORICAL.

At the annual meeting of the Board of Trustees of the University in June, 1898, an ordinance was adopted establishing, as a department of the University, "The School of Comparative Jurisprudence and Diplomacy."

This school was opened with appropriate ceremonies at the University November 15, 1898. President McKinley, with members of his Cabinet and many other distinguished men in public life, were present. Addresses were delivered by B. L. Whitman, LL. D., President of the University; Charles W. Needham, LL. M., Dean; Hon. John M. Harlan, LL. D., Associate Justice of the Supreme Court of the United States; Hon. David J. Brewer, LL. D., Associate Justice of the Supreme Court of the United States; Hon. Lyman J. Gage, Secretary of the Treasury; Sir Wilfrid Laurier, Premier of Canada, and Hon. John W. Foster, ex-Secretary of State.

On January 3, 1899, Law Lecture Hall was completed and dedicated. This building is located at 1420 H Street, adjoining University Hall; it is very complete, having three lecture-rooms, a large library, and ample office rooms, the entire building being devoted to the use of the Schools of Law.

OBJECTS.

The design of this school is to afford a training in the subjects of higher legal knowledge, the political history of the world, the science and practice of diplomacy, and international law. Its courses are intended for lawyers, for students of jurisprudence and diplomacy, for persons who desire to fit themselves for the public, diplomatic, and consular service of the United States, and for those who desire a broad culture upon the larger questions of public life in order that they may better acquit themselves as journalists, legislators, and molders of public opinion upon the national and international issues of the day. To be an international lawyer or diplomatist one must, in addition to an education which makes one a scholar and lawyer, have special knowledge of the higher and broader subjects of

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the law and the intercourse between states and nations; to be influential in any public career a man in this day must have a knowledge of political history, the diplomatic relations which have existed between states and nations, the manner in which international controversies have been settled, the currents of international trade and commerce, the general principles of finance as held by civilized nations, and the modern methods of settling international affairs. It is the special object and purpose of this school to furnish such instruction and opportunities for study at the national capital, where are to be found the archives containing the history of these subjects and the men who have been called to public life by reason of their special fitness to deal with these questions. From among these public men our professors and lecturers are chosen, and these archives and libraries are open to our students.

ADMISSION.

Applicants who have taken the degree of Bachelor of Laws in this or any other university or law school requiring three years of study will be admitted to the first year of the course as candidates for the degree of Master of Laws.

Applicants who have taken the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Philosophy, or Bachelor of Laws in the Columbian University or any other university requiring an equal amount of study for the degree, and all others who have done work equivalent to that required for either of these degrees, and who pass a satisfactory examination before the Faculty of the School, are entitled to admission to the two-years' course as candidates for the degree of Master of Diplomacy or the degree of Doctor of Civil Law.

Satisfactory evidence of degrees taken or equivalent work done will be required in all cases.

Students who have received the degree of Doctor of Civil Law in this school may enter for the degree in Diplomacy, taking the same in one additional year.

Any person approved by the Dean may attend one or more courses of lectures in the school, have the benefit of the examinations, and receive a certificate for the work done.

LANGUAGES. A knowledge of Latin is regarded as essential in both of the law courses to enable students to properly pursue the history of the law. In addition to Latin, one of the modern languages, either French, German, or Spanish, will be required of applicants for the degree of Doctor of Civil Law, and a knowledge of either French, German, or Spanish will be required of those taking the degree of Master of Diplomacy. Students who have not received sufficient instruction in the languages required may take the same during their course, in the Department of Languages of the University. A special tuition is charged for each language taught.

DEGREES AND THESES.

The degree of Master of Laws will be conferred upon students taking the prescribed course and passing the required examinations.

The degrees of Doctor of Civil Law and Master of Diplomacy will be conferred upon students who take the courses prescribed therefor, pass the required examinations, and submit satisfactory and creditable theses upon subjects covered by some part of the courses.

EXAMINATIONS.

Examinations will be held at the conclusion of each subject. A thesis will be required of all students who are candidates for the degrees of D. C. L. and M. Dip. upon a topic to be selected by the student and approved by the Faculty.

PRIZE.

A prize, offered by the Edward Thompson Company, of a set of the Encyclopedia of Law, first or second editions, or a set of the Encyclopedia of Pleading and Practice, is awarded to the student in this school who shall write the best thesis on some legal subject, to be assigned by the Faculty.

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FEES.

The tuition fee is eighty dollars for each year, payable in advance, monthly or quarterly, at the option of the student.

Students will be required to present tickets showing the payment of tuition fees before admission to the lectures.

Printed synopses and publications issued in connection with the work are furnished to students at cost.

Students proposing to withdraw from the School of Comparative Jurisprudence and Diplomacy will inform the Registrar to that effect. In the absence of such notification no claims for exemption from fees will be allowed.

Students taking special courses only will be charged fifteen dollars for each subject.

Regular students taking the languages will be charged an extra fee for each language taken.

The fee for diploma is ten dollars, and a library fee of two dollars per year is charged.

NOTICE.—*Increase of tuition fee.*

Students matriculating for the Academic year beginning October 7, 1901, and thereafter will be charged a tuition fee of one hundred dollars per annum.

Prize Awards, 1899.

A. T. Britton Prize.....Galen L. Tait.
Edward Thompson Company Prize.....John T. Doyle.

For further information and application blanks for admission, address the SECRETARY OF THE SCHOOLS OF LAW, 1420 H Street, Washington, D. C.

STUDENTS, 1890-1900.

Second Year.

Name.	State.	Address
Able, R. Felder.....	S. C....	911 M Street. I.L. B., Columbian University. I.L. M., Columbian University.
Allen, Charles Kissam.....	N. Dak.	1828 Jefferson Place. I.L. B., National University. I.L. M., National University. I.L. M., Columbian University.
Bingham, Goundry W.....	D. C....	802 11th Street. I.L. B., Georgetown University. I.L. M., Columbian University.
Bynum, Dixson H.....	Ind....	Interstate Com. Co'n. I.L. B., Columbian University. I.L. M., Columbian University.
Cahill, Thaddeus.....	N. Y....	2102 18th Street. I.L. B., Columbian University. I.L. M., Columbian University.
Call, Lewis W	Kans....	1249 Kenesaw Ave. I.S., Kansas State Agricultural College I.L. B., Columbian University. I.L. M., Columbian University.
Chesley, Willoughby S.....	Md....	1214 12th Street. I.L. B., Columbian University. I.L. M., Columbian University.
Clark, Charlton M.....	Miss....	620 I Street. I.L. B., National University I.L. M., Columbian University.
Colladay, Edward Francis.....	Kans....	1234 I Street. I.L. B., Columbian University I.L. M., Columbian University.
Dean, Charles Ray.....	Ill.....	915 O Street. Ph. B., University of Chicago I.L. B., Columbian University. I.L. M., Columbian University.
Dennis, Thomas Fletcher.....	Ill.....	1615 Florida Ave. A. M., Illinois College I.L. M., Columbian University.

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Name	State	Address
Disch, Henry G.	Wis.	153 Heckman St., S.E.
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Doyle, John T.	N. Y.	2107 Wyoming Ave.
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Fukuda, Tatsugoro.	Japan	617 H Street.
Gray, John Pinkham.	Idaho	1621 43rd Street.
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Halford, A. J.	Ind.	1622 22d Street.
Hanner, G. W.	Ala.	916 H Street.
A. M., Hiwassee College, Tenn.		
A. B., Hiwassee College, Tenn.		
I.L. B., University of Alabama.		
I.L. M., Georgetown University.		
Pro. D., Columbian University.		
Harris, John T.	Mo.	940 K Street.
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Healy, Peter J.	Minn.	Care U. S. Senate.
I.L. M., Columbian University.		
Hemmings, Frederick Leith.	Ill.	1461 Florida Avenue.
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Holecombe, John W.	Ind.	1829 Corcoran Street.
A. B., Harvard University.		
I.L. B., Columbian University.		
Jackson, E. Hilton.	D. C.	809 Thirteenth St.
A. M., Columbian University.		
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Johnson, Livingston S.	Va.	1460 Corcoran Street.
I.L. B., Columbian University.		
I.L. M., Columbian University.		
Kellogg, Charles Jirah.	La.	1227 M Street.
I.L. B., National University.		
I.L. M., National University.		
I.L. M., Columbian University.		
Kiggins, Frank M.	Tenn.	1141 12th Street.
I.L. B., University of Georgetown.		
I.L. M., University of Georgetown.		
I.L. M., Columbian University.		

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Name	State	Address
Killam, Cecil.....	N. S....	1004 M Street.
A. M., Mt. Allison University LL. B., Dalhousie Law School		
Kramer, Albert Ludlow.....	Pa.....	1129 14th Street.
LL. B., University of Pennsylvania		
Linkins, Charles.....	D. C....	1923 G Street.
LL. B., Columbia University LL. M., Columbian University		
Matthews, Charles Eugene.....	Oklahoma....	Sixth Auditor's Off.
LL. B., Columbia University LL. M., Columbian University		
McKinley, J. William.....	Ohio....	1351 Harvard Street.
LL. B., National University LL. M., National University		
Miller Claude E.....	Pa....	1339 15th Street.
LL. B., Columbian University LL. M., Columbian University		
Nelms, William H.	Ill....	70 D Street, N. E.
LL. M., Georgetown University LL. M., Columbian University		
Phair, Philip De Witt.....	Maine..	218 North Capitol St.
B. Litt., Trinity College A. B., Harvard University A. M., Harvard University		
Pool, Solomon C.	N. C....	1209 H Street.
LL. B., Georgetown University LL. M., Georgetown University		
Ruffin, Thomas.....	N. C....	1023 Vermont Ave.
LL. B., Georgetown University LL. M., Georgetown University		
Schoeverling, Wm. Louis Willer. Wis....	1004 M Street.	
LL. B., Kent College of Law LL. M., Chicago Law School		
Smith, Charles Magill	Va.....	1117 G Street.
LL. B., National University LL. M., National University LL. M., Columbian University		
Smith, Walter Scott.....	Ala....	200 D Street.
A. B., Lineville College LL. B., Columbian University LL. M., Columbian University		

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Name	State	Address
Stamper, William S.	Tenn.	1234 1 Street.
LL. B., Columbian University		
LL. M., Columbian University		
Strasburger, Milton Z.	D. C.	631 H Street.
LL. B., Georgetown University		
LL. M., Georgetown University		
Tait, Galen L.	Neb.	1718 Q Street.
LL. B., Columbian University		
LL. M., Columbian University		
Tindall, Philip.	D. C.	2103 California Ave.
LL. B., Columbian University		
LL. M., Columbian University		
Via, Lemuel R.	Va.	802 11th Street.
LL. B., Georgetown University		
LL. M., Columbian University		
Watts, Reuben B.	Ala.	216 11th Street.
LL. B., Georgetown University		
LL. M., Columbian University		
Weare, Joseph.	Ill.	2020 F Street.
B. S. C. E., University of Michigan		
Weaver, Harry O.	Ohio	802 A street, N. E.
LL. B., Columbian University		
LL. M., Columbian University		

First Year.

Name	State	Address
Ames, Edward Winslow.	Mass.	717 10th Street.
A. B., Harvard University		
Andrews, A. G.	Vt.	1414 15th Street.
C. E., Norwich University		
Barrus, George Warren.	N. H.	314 E Street
LL. B., Columbian University		
Benfer, James P.	Ohio	2151 L Street.
LL. B., Georgetown University		
Bishop, Roswell F.	Mich.	132 A Street, N. E.
Ph. B., University of Michigan		
Brockett, Bluford W.	Md.	3425 Holmead Ave.
LL. B., Columbian University		
Butts, Joseph Waddell.	D. C.	918 T Street.
LL. B., Columbian University		

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 187

Name.	State.	Address.
Chapman, Charles McC.....	N. Y....	725 19th Street. LL. B., Columbian University
Chamberlin, J. Morrill.....	Va.....	1309 20th Street. LL. B., Georgetown University LL. M., Georgetown University.
Choate, Warren R.....	Md.....	525 11th Street. LL. B., National University LL. M., National University
Clark, Charles C.....	Pa.....	U. S. Dep't Agric. Attorney at Law
Cooke, Harry L.....	Tenn....	630 I Street. LL. B., Columbian University
Corby, Joseph Edgar.....	Mo.....	1418 31st Street. LL. B., University of Notre Dame
Crooks, James W.....	Ill.....	303 B Street, S. E. LL. B., Columbian University
Crosby, C. F.....	Va.....	1350 Yale Street. LL. B., Georgetown University LL. M., Georgetown University.
Davis, Thomas J.....	W. Va..	220 3d Street. LL. B., West Virginia University
Esterly, Frank C.....	Minn...	1115 E. Cap. Street. LL. B., Columbian University
Fouse, George Congdon.....	D. C....	712 7th Street, S. E. Ph. B., Yale University C. E., Yale University LL. B., Columbian University
Frost, Claude Schurz	N. Y....	Dep't of Justice. LL. B., Columbian University
Gale, William Holt.....	N. Y....	1303 N Street. Ph. B., Yale University
Glover, L. K. C.....	Va.	1731 13th Street. LL. B., Columbian University
Green, Henry Duncan, Jr.....	Ala.....	1705 M Street. LL. B., Columbian University
Griswold, Stewart C.....	Mich....	1403 H Street. LL. B., Columbian University
Hartmann, Charles.....	Mich....	932 O Street. LL. B., Columbian University
Hawkesworth, Alfred T.....	N. H. .	910 I Street. LL. B., Columbian University

WASHINGTON, D. C.

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Name.	State.	Address.
Hill, Joseph C.	Va.	
Hume, Robert Scott.	Va.	1235 Mass. Avenue, A. B., Yale University.
Husted, Glenn Edward.	Mich.	Dep't of Justice. LL. B., Columbian University
Ion, Theodore P.	D. C.	28 2d Street, S. E. LL. B., Paris; Juris, D., Catholic University of America.
Kennedy, William G.	W. Va.	495 H Street, S. W. LL. B., University of West Virginia.
Kline, Aubrey J.	Va.	1126 8th Street. LL. B., Columbian University
Kodera, Kenkichi.	Japan	617 H Street.
Langley, John W.	Ky.	420 6th Street. LL. B., Columbian University
Lienallen, Thomas T.	Mo.	910 I Street. LL. B., Columbian University
Mather, Franklin Davis.	Cal.	414 6th Street.
McClure, James B.	Iowa	154 A Street, N. E. LL. B., Columbian University.
McHarg, Ormsby.	N. Dak.	1534 22d Street. LL. B., University of Michigan
McMullen, Adam	Neb.	1406 S Street. A. B., University of Nebraska LL. B., Columbian University
McRoberts, Charles Gregory	D. C.	302 C Street. LL. B., Columbian University
Owen, Charles Wesley	Mich.	726 12th Street. LL. B., Columbian University
Parkes, George P.	N. D.	1013 L Street. LL. B., Columbian University
Patterson, Alvah W.	Oreg.	223 7th Street, N. E. LL. B., Columbian University
Peffers, David J.	Ill.	1012 14th Street.
Peyser, Julius I.	D. C.	1314 7th Street. LL. B., Georgetown University
Pierce, Harry Alleman.	D. C.	610 R Street. LL. B., Columbian University

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 189

Name.	State.	Address.
Raines, Benjamin F.....	Va.....	802 11th Street. LL. B., National University
Rask, H. G.....	N. Y....	The Dewey. LL. B., Georgetown University
Rohrback, Howard Lemon.....	Pa.....	1209 Q Street. LL. B., Columbian University
Rowland, Hugh Black,	D. C....	2115 California Ave. LL. B., Georgetown University LL. M., Georgetown University
Ruoff, Henry Woldmar.....	Mass....	811 9th Street. A. B., University of Indiana Harvard University, 1891-1894
Shockley, William Thomas...	Ga.....	1130 12th Street. A. B., North Georgia Agricultural College
Smith, Clarence B.....	Mich...	805 A Street, S. E. M. S., Michigan Agric'l College
Spaulding, John Cecil.....	Mich....	1637 R Street. A. B., University of Michigan LL. B., Columbian University
Stallecup, James A.....	Mo.....	1403 H Street. LL. B., Columbian University
Summers, Thomas M.....	Ohio....	1757 Madison Street.
Towson, Richard M.....	Va....	1122 Vermont Ave. LL. B., Columbian University
Twinn, Clark James.....	N. Y ...	1722 15th Street. LL. B., Columbian University
Tysowski, Joseph G.....	D. C....	1431 R. I. Avenue. LL. B., Columbian University
Vieth, Henry A.....	Wis....	Agricultural Dep't. LL. B., Columbian University
Walters, Harris A.....	Ill.....	The Dewey. LL. B., Georgetown University
Wells, Albert Coulter.....	Pa.....	1203 11th Street. LL. B., Columbian University
West, Goldsmith Bernard.....	D. C....	Washington Times. LL. B., Georgetown University LL. M., Georgetown University
Westcott, Charles Drake.	Pa.....	1414 20th Street. LL. B., Columbian University.

WASHINGTON, D. C.

1894-1900

Name.	State.	Address.
Wheeler, Levi Woodbury	D. C.	518 M Street. L.L. B., Columbian University
Wyman, Bayard	Mich.	222 3d Street. L.L. B., University of Michigan

Special Students.

Name.	State.	Address.
Baker, Dwight Wood	R. I.	1906 H Street. A. B., Brown University
March, Alden	N. Y.	1421 K Street.

Recapitulation.

Second, or Senior Year	46
First, or Junior Year	65
Special Students	2
Total	113

THE MEDICAL SCHOOL.

THE FACULTY.

* REV. BENAIAH L. WHITMAN, D. D., LL. D.,
President.

REV. SAMUEL H. GREENE, D. D., LL. D.,
President pro tempore.

EMIL A. DE SCHWEINITZ, PH. D., M. D.,
Dean,
Professor of Chemistry and Toxicology.

J. FORD THOMPSON, M. D.,
Professor of Surgery and Clinical Professor of Surgery.

WILLIAM W. JOHNSTON, M. D.,
Professor of the Theory and Practice of Medicine and Professor
of Clinical Medicine.

ALBERT F. A. KING, A. M., M. D.,
Professor of Obstetrics and the Diseases of Women and Children,
and Dean Emeritus.

D. KERFOOT SHUTE, A. B., M. D.,
Professor of Anatomy and Clinical Ophthalmology.

WILLIAM P. CARR, M. D.,
Professor of Physiology and Professor of Clinical Surgery.

STERLING RUFFIN, M. D.,
Professor of Materia Medica and Therapeutics and Clinical
Professor.

* Resigned March 31, 1900.

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1894-1900

H. C. YARROW, M. D.,
Professor of Dermatology and Clinical Dermatology.

HENRY L. E. JOHNSON, M. D.,
Professor of Gynecology and Professor of Clinical Gynecology.

THOMAS E. McARDLE, A. M., M. D.,
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WILLIAM K. BUTLER, A. M., M. D.,
Professor of Ophthalmology and Clinical Ophthalmology.

Professor of Medical Jurisprudence.

CHARLES W. RICHARDSON, M. D.,
Professor of Laryngology and Otology and Professor
of Clinical Laryngology and Otology.

EDMUND L. TOMPKINS, M. D.,
Professor and Clinical Professor of Nervous Diseases.

A. R. SHANDS, M. D.,
Professor of Orthopedic Surgery.

JOHN VAN RENSSELAER, M. D.,
Professor of Surgical Pathology and Professor of Clinical
Surgery.

WALTER REED, M. D.,
Professor of Bacteriology and Pathology.

W. F. R. PHILLIPS, M. D.,
Professor of Hygiene.

GEORGE N. ACKER, M. D.,
Professor and Clinical Professor of Pediatrics and Professor of
Clinical Medicine.

G. WYTHE COOK, M. D.,
Professor of Clinical Medicine.

J. W. BOVÉE, M. D.,
Professor of Clinical Gynecology.

RANDOLPH B. CARMICHAEL, M. D.,
Professor of Clinical Dermatology.

T. RITCHIE STONE, M. D.,
Clinical Professor of Genito-Urinary Diseases.

GEORGE W. FOSTER, M. D.,
Professor of Mental Diseases.

W. S. WASHBURN, M. D.,
Professor of Normal Histology.

T. A. CLAYTOR, M. D.,
Professor of Clinical Medicine.

A. B. RICHARDSON, M. D.,
Clinical Professor of Mental Diseases.

DEMONSTRATORS.

W. F. R. PHILLIPS, M. D.,
Demonstrator of Anatomy.

E. G. SEIBERT, M. D.,
Senior Demonstrator of Chemistry.

A. L. LAWRENCE, M. D.,
Junior Demonstrator of Chemistry.

FRANCIS P. MORGAN, M. D.,
Assistant to the Chair of Materia Medica and Therapeutics, in
charge of the Pharmacy Laboratory.

WASHINGTON, D. C.

1894-1900

L. W. GLAZEBROOK, M. D.,

Curator of the Museum and Demonstrator of Pathological Anatomy.

JOHN B. NICHOLS, M. D.,

Demonstrator of Normal Histology.

VIRGIL B. JACKSON, M. D.,

GEORGE B. HEINECKE, M. D.,

R. WASHINGTON, M. D.,

A. L. LAWRENCE, M. D.,

E. E. RICHARDSON, M. D.,

B. F. TIEFENTHALER, M. D.,

W. N. FISHER, M. D.,

J. HOWARD ALLEN, M. D.,

GEORGE McLAUGHLIN, M. D.,

Assistant Demonstrators of Anatomy.

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LINCOLN JOHNSON, M. D.,

Prosecutors to the Chair of Anatomy.

JOHN R. WELLINGTON, M. D.,

FRANK LEECH, M. D.,

Demonstrators of Minor Surgery.

EDWARD E. MORSE, M. D.,

Demonstrator of Obstetrics.

JAMES CARROLL, M. D.,

Senior Demonstrator of Pathology and Bacteriology, and
Associate in Clinical Laboratory Instruction.

FRANCIS R. HAGNER, M. D.,

Junior Demonstrator of Pathology and Bacteriology.

B. L. HARDIN, M. D.,

Associate in Physical Diagnosis.

THOMAS DOWLING, Jr., M. D.,
Assistant to the Chair of Practice.

O. A. MCKIMMIE, M. D.,
Examiner of Applicants for Matriculation.

THE UNIVERSITY HOSPITAL.

MEDICAL BOARD.

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Mrs. W. H. HORKE.

HOSPITAL AND DISPENSARY STAFF.

Surgery.

J. FORD THOMPSON, M. D.
Associates: W. P. Carr, M. D., John Van Rensselaer, M. D.,
and John Wellington, M. D. (in Dispensary). Assistant:
F. R. Hagner, M. D.

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Medicine.

WILLIAM W. JOHNSTON, M. D.

Associates: G. N. Acker, M. D., G. Wythe Cook, M. D., and
T. A. Claytor, M. D. (in Dispensary). Assistants: B. L.
Hardin, M. D., and Thomas Dowling, M. D.

Obstetrics and Gynecology.

A. F. A. KING, M. D.

Associates in Gynecology: H. L. E. Johnson, M. D., and J.
Wesley Bovée, M. D. Assistants: H. S. Medford, M. D.,
V. B. Jackson, M. D., and J. E. Jones, M. D.
Associate in Obstetrics: E. E. Moree, M. D.

Diseases of the Eye.

D. K. SHUTE, M. D.

Associate: W. K. Butler, M. D. Assistant: W. N. Fisher, M. D.

Diseases of the Throat and Ear.

C. W. RICHARDSON, M. D.

Assistant: F. P. Morgan, M. D.

Diseases of the Skin.

H. C. YARROW, M. D.

Associate: R. B. Carmichael, M. D.

Diseases of Children.

T. E. McARDLE, M. D.

Assistant: Frank Leech, M. D.

Orthopedic Surgery.

A. R. SHANDS, M. D.

Diseases of the Nervous System.

STERLING RUFFIN, M. D., E. L. TOMPKINS, M. D.
Assistant : A. L. Lawrence, M. D.

Genito-Urinary Diseases.

T. R. STONE, M. D.
Assistant : W. T. Burch, M. D.

Clinical Laboratory.

E. A. DE SCHWEINITZ, M. D.
Associate : James E. Carroll, M. D.

Pathologist.

WALTER REED, M. D., U. S. A.
Assistant : L. W. Glazebrook, M. D.

Superintendent.

MISS A. G. ODELL.

Resident Physician.

W. K. WARD, M. D.

WASHINGTON, D. C.

1894-1900

LECTURES.—FIRST YEAR, 1900-1901.
B E F O R E C H R I S T M A S.

HOURS.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
5.30							
6.30							
7.30							
8.30							
AFTER CHRISTMAS.							
HOURS.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
5.30							
6.30							
7.30							
8.30							

LECTURES.—SECOND YEAR, 1900-1901.

BEFORE CHRISTMAS.

Hours.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2.30	Histology Laboratory. Lower Room	PRACTICAL ANAT- OMY	CHIMISTRY Lower Room.	HISTOLOGY Laboratory	CHIMISTRY Lower Room	CHIMISTRY Lower Room
6.30	Histology Laboratory. Lower Room	MATERIAL MEDICA AND THHERAPEUTICS Lower Room	ANATOMY Upper Room	MATERIAL MEDICA AND THHERAPEUTICS Lower Room	MATERIAL MEDICA AND THHERAPEUTICS Lower Room	MATERIAL MEDICA AND THHERAPEUTICS Lower Room
7.30	PHYSIOLOGY. Upper Room	PRACTICAL ANAT- OMY	MINOR SURGERY out to rec'd.	PHYSIOLOGY Laboratory	PHYSIOLOGY Lower Room	ANATOMY Upper Room
8.30	PRACTICAL ANAT- OMY.	PRACTICAL ANAT- OMY.	PRACTICAL ANAT- OMY	PHYSIOLOGY Laboratory	PRACTICAL ANAT- OMY	PHARMACY

AFTER CHRISTMAS.

Hours.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
5.30	Histology Laboratory. Lower Room	CHIMISTRY Lower Room	HISTOLOGY Laboratory	PRACICAL ANAT- OMY	PRACICAL ANAT- OMY	CHIMISTRY Lower Room
6.30	Histology Laboratory. Lower Room	MATERIAL MEDICA AND THHERAPEUTICS Lower Room	ANATOMY Upper Room	HISTOLOGY Laboratory	ANATOMY Upper Room	MATERIAL MEDICA AND THHERAPEUTICS Lower Room
7.30	ANATOMY. Upper Room	PHYSIOLOGY. Lower Room	PHYSIOLOGY. Lower Room	PRACICAL ANAT- OMY.	PRACICAL ANAT- OMY.	PHYSIOLOGY Lower Room
8.30	PHYSIOLOGY. Lower Room,	PRACTICAL ANAT- OMY.	PRACTICAL ANAT- OMY	PRACICAL ANAT- OMY.	PRACICAL ANAT- OMY.	PHARMACY

WASHINGTON, D. C.

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LECTURES.—THIRD YEAR, 1900-1901.
BEFORE CHRISTMAS.

Hours	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
5.30	SURGERY. Upper Room.	4.30 CLINICS. (Gatfield.)	SURGERY. Upper Room.	4.30 CLINICS. (Emergency and Orthopedic.)	SURGERY. Upper Room.	4.30 CLINICS. University Hospital.
6.30	OBSTETRICS. Upper Room.	OPHTHALMOLOGY. Art. 3 to Dec. 5. Upper Room.	OBSTETRICS. Lower Room	OBSTETRICS. Medical Jurisdict. Upper Room.	OBSTETRICS. Upper Room.	OBSTETRICS. Oct. 2 to Dec. 9. Upper Room.
7.30	BACTERIOLOGY. Laboratory.	PRACTICE. Lower Room.	BACTERIOLOGY. Laboratory.	PRACTICE. Lower Room.	BACTERIOLOGY. Lower Room	BACTERIOLOGY. Laboratory.
8.30	BACTERIOLOGY. Laboratory.	PHYSICAL DIAGNO- SIS.	BACTERIOLOGY. Laboratory.	BACTERIOLOGY. Laboratory.	BACTERIOLOGY. Laboratory.	Clinical Laboratory.
Hours	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
5.30	SURGERY. Upper Room	4.30 CLINICS.	4.30 CLINICS	4.30 CLINICS	SURGERY. Upper Room.	4.30 CLINICS
6.30	OBSTETRICS. Upper Room.	HYGIENE. Jan. 4 to 28. Upper Room.	HYGIENE. Mental Diseases Jan. 27 to Feb. 17. Upper Room.	HYGIENE. Mental Diseases Upper Room.	OBSTETRICS. Upper Room.	HYGIENE. Mental Diseases Upper Room.
7.30	PATHOLOGY. Laboratory.	PRACTICE. Lower Room.	PATHOLOGY. Laboratory.	PRACTICE. Lower Room.	PATHOLOGY. Laboratory.	PRACTICE. Lower Room.
8.30	PATHOLOGY. Laboratory.	PHYSICAL DIAGNO- SIS.	PATHOLOGY. Laboratory.	DEMONSTRATION Jan. 4 to Mar. 16.	PATHOLOGY. Laboratory.	PATHOLOGY. Laboratory.

AFTER CHRISTMAS.

LECTURES.—FOURTH YEAR, 1900-1901.

BEFORE CHRISTMAS.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
SURGICAL 1 P.M.: Room	SURGERY 1 P.M.: Freeth	SURGERY 1 P.M.: Freeth	SURGERY	SURGERY	SURGERY
OBSTETRICAL 1 P.M.: Room	OBSTETRICS LOWER ROOM	OBSTETRICS UPPER ROOM	OBSTETRICS UPPER ROOM	OBSTETRICS UPPER ROOM	OBSTETRICS UPPER ROOM
OTOLARYNGOLOGY AND ORL. OUT-PATIENTS 1 P.M.: Room	OTOLARYNGOLOGY LAWRENCE ROOM	OTOLARYNGOLOGY LAWRENCE ROOM	PRACTICE LAWRENCE ROOM	PRACTICE LAWRENCE ROOM	PRACTICE LAWRENCE ROOM
OBSTETRICAL NURSES' CLASSES 1 P.M.: Room,	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room,	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room,	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room,	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room,	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room

AFTER CHRISTMAS.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
SURGICAL 1 P.M.: Room	SURGERY 1 P.M.: CLINICS AND CLINICAL PRACTICES CHILDREN'S HOSPITAL				
OBSTETRICAL 1 P.M.: Room	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room,	OBSTETRICAL NURSES' CLASSES 1 P.M.: Room			
PRACTICAL	PRACTICAL	PRACTICAL	PRACTICAL	PRACTICAL	PRACTICAL

WASHINGTON, D. C.

1894-1900

The seventy-ninth course of lectures begins on Monday, October 1, 1900.

The Introductory Lecture of the Course will be delivered by Professor Sterling Ruffin, on the 1st of October, and the regular lectures will continue throughout the session, beginning at 5.30 p. m. of each week day. The laboratories are open day and evening.

DEPARTMENTS OF INSTRUCTION.

The system of instruction adopted by the Medical School of this University includes lectures on Anatomy, Physiology, Chemistry, Materia Medica and Therapeutics, Surgery, Obstetrics, the Theory and Practice of Medicine, Hygiene, Bacteriology, Otology, Laryngology, Gynecology, Dermatology, Ophthalmology, Mental Diseases, Medical Jurisprudence, Nervous Diseases, Pediatrics, Minor Surgery, Histology, Pathological Histology, Orthopedic Surgery, and Surgical Pathology.

Laboratory instruction is given in Chemistry, Histology and Pathological Histology, Bacteriology, Pharmacy, and Clinical Medicine.

SURGERY.

PROFESSOR THOMPSON,

Surgeon to the University Hospital, the Children's Hospital, and to the Freed General Hospital

The course embraces Didactic Lectures upon the Principles and Practice of Surgery, and, as far as practicable, Clinical Instruction at the School.

As Professor Thompson is the attending Surgeon of both the Children's Hospital and the Garfield Hospital, students are offered the opportunity for Clinical Instruction in these Institutions.

Every effort is made to teach Surgery in accordance with the latest developments of scientific research. At the School operations are performed upon the cadaver, and the uses of all important surgical instruments and appliances are demonstrated in the same manner.

MINOR SURGERY.—Practical class instruction is given by Professor McArdle and his assistants in the application of splints, dressings, etc., for the various surgical diseases and injuries.

THEORY AND PRACTICE OF MEDICINE.

PROFESSOR JOHNSTON.

Physician to the University Hospital; Consulting Physician to the Children's Hospital, and to the Central Dispensary and Emergency Hospital.

The student is urged to pay special attention to the course in Histology during the second year, as this is essential to a proper understanding of the internal diseases of the human body. The courses in Pathology and Bacteriology should also receive the closest study, for without a clear knowledge of these subjects no satisfactory advance can be made.

The method of instruction employed in this subject is as follows:

1. Lectures at the School, with occasional recitations.
2. Clinical lectures at the University Hospital, with practical instruction in the art of diagnosis and in the methods of taking and recording histories of medical cases.
3. Demonstration of the use of instruments of research for the clinical study of the sputum, blood, feces, etc.

OBSTETRICS AND GYNECOLOGY.

PROFESSOR KING.

Obstetrician to the Columbian University Hospital; one of the Consulting Physicians to the Children's Hospital, etc.

This course comprises a series of lectures on the Science and Art of Midwifery, and on the Diseases of Women. The chief purpose of the lecturer is to arrange, simplify, and explain the matters studied in the text-books, so as to render them more easily intelligible, and to indicate their relative importance. The lectures are illustrated by diagrams, models, manikins, natural preparations, and instruments. The Demonstrator of Obstetrics, Dr. Edward E. Morse, gives cases of labor to advanced

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students, and demonstrates obstetric operations and allows students to perform these operations upon the manikin, under his direction. This course is limited to fourth-year students, and all are required to take it before becoming candidates for graduation.

In the Department of Gynecology the various instruments and appliances used in treating the diseases of women are exhibited and their uses fully explained. Clinical instruction in Surgical Gynecology will be given by Prof. H. L. E. Johnson at the Hospitals, where students will witness the various surgical operations required in gynecological cases.

ANATOMY.

PROFESSOR SHUE,

Ophthalmic Surgeon to the University Hospital and to the Washington Hospital for Fevers, 1625

This course of lectures is arranged with the view of rendering the didactic instruction in Anatomy as full and complete as the limits of the session will allow.

Sufficient knowledge of the anatomical structure of the human body may be acquired during the two courses of lectures, which each student attends, to qualify him for the practice of medicine, if at the same time he does his duty in the dissecting-room.

The lectures are illustrated by frequent reference to recent dissections and numerous drawings and diagrams. The scopetron is also employed constantly to present photographic views of many regions of the body.

Special attention is given during the course to the surgical and medical relations of human anatomy, which are of so great importance in the practice of the medical profession.

Public oral examinations are conducted by the lecturer from time to time.

The prosector prepares the subject for the lecturer.

The Demonstrator of Anatomy and his assistants give their personal attention to the students in the dissecting room.

PRACTICAL ANATOMY. The dissecting room of the School is large, thoroughly ventilated, well lighted, and furnished with every requisite for the convenience and comfort of the student. Anatomical material is abundantly supplied. The room is open

during the day and night until 11 p. m., and on some occasions even later. It is under the direction of the Professor of Anatomy. The Demonstrator of Anatomy is present at stated hours to give personal attention to the students and properly to instruct them in their dissections. In the absence of the Demonstrator one of his assistants will be present to instruct the classes.

CHEMISTRY AND TOXICOLOGY.

PROFESSOR DE SCHWEINITZ,

In charge of Clinical Laboratory, University Hospital, and Director of the Bio-chemical Laboratory, Bureau of Animal Dietetics, Department of Agriculture.

This course embraces:

A short discussion of the principles of physics in their relation to chemistry, the principles of chemical philosophy, the laws of chemical combination and affinity.

The elements, metals and non-metals; their methods of isolation, properties, compounds, and reactions, are studied.

Due attention is given to organic chemistry, especially those compounds that are of use in medicine.

Laboratory instruction is given in the general methods of qualitative and quantitative analysis, volumetric analysis, toxicology, urine analysis, water analysis, and special clinical analyses.

Opportunity for advanced work in biochemistry is afforded.

PHYSIOLOGY.

PROFESSOR CARR,

Associate Surgeon to the University Hospital and Surgeon to the Central Dispensary and Emergency Hospital.

This subject is fully presented by a two years' course of lectures, and the lectures are so illustrated by modern diagrams, models, and experiments as to make them clear in every detail. Especial emphasis is given to those truths that have a practical value.

Physiological anatomy receives special attention, and is illustrated by charts, diagrams, working models, and anatomical

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specimens in all cases, and by demonstrations upon anesthetized living animals when necessary to a thorough understanding of the subject. Physiological anatomy is also taught by Professor Washburn in the laboratory, and an opportunity is given students to do practical physiological work as far as their time will permit.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR RUFFIN,

Associate in Nervous Diseases, University Hospital, and one of the Visiting Physicians to the Home for Incurables.

Instruction in this department extends through the first two years, and embraces:

1. The study of crude drugs and their preparations, and the art of prescribing.
2. The physiological action of drugs in the human system.
3. The practical application of drugs and other therapeutical agencies to the prevention and cure of disease and the relief of suffering, together with their antidotal relations to poisons.

The subject is taught by means of lectures, recitations, and blackboard illustrations, and is simplified and made practical to as great a degree as is compatible with a sufficiently thorough understanding of its principles.

In connection with this chair is a pharmaceutical laboratory, well equipped with modern appliances, in which are taught the making of typical preparations of the Pharmacopeia, prescription writing, and the compounding of prescriptions.

DERMATOLOGY.

PROFESSOR YARROW,

Dermatologist to the University Hospital, and one of the Consulting Physicians to the Garfield Hospital and Women's Clinic.

Professor Yarrow gives lectures on this subject, illustrated by diagrams, models, photographic illustrations of disease from

life, and also the exhibition of cases. In connection with the course clinical instruction is given at the Central Dispensary and Emergency Hospital and the University Hospital by Dr. Carmichael, where an abundance of material affords excellent clinical advantages.

PEDIATRICS.

PROFESSOR ACKER,

Associate Physician to the University Hospital and Physician to the Children's Hospital.

The Professor lectures upon diseases of infants and children and the importance of their proper management by diet and hygiene.

GYNECOLOGY.

PROFESSOR JOHNSON,

In Charge of the Department of Gynecology, Central Dispensary and Emergency Hospital, Associate Gynecologist, University Hospital.

The Professor amplifies his lectures on the diseases peculiar to women by clinical instruction in physical diagnosis at the Emergency Hospital each Sunday afternoon, from October to May. Operative work will be demonstrated as frequently as possible. The Professor has organized in connection with his service an outdoor maternity clinic, which is open to students.

MINOR SURGERY.

PROFESSOR MCARDLE,

Pediatrician, University Hospital, and one of the Assistant Physicians to the Children's Hospital.

The course in Minor Surgery consists of lectures and practical demonstrations concerning bandaging, preparation of materials used in aseptic and antiseptic dressings, preparations for aseptic or antiseptic operations, strapping, vaccination, and other minor surgical procedures. Under the supervision of assistants, the students themselves apply the various splints, bandages, surgical dressings, etc.

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OPHTHALMOLOGY.**PROFESSOR BUTLER,**

Ophthalmologist at Garfield Hospital, in Charge of the Lutheran Eye and Ear Infirmary, and Associate Ophthalmologist, University Hospital.

The Professor gives a didactic course on this subject, together with clinical instruction at the Lutheran Eye and Ear Infirmary.

MEDICAL JURISPRUDENCE.

This course deals with the relations of Physicians to matters under legal investigation. It covers as fully and practically as possible the more important subjects of forensic medicine. Students are taught to give expert testimony and how to conduct themselves as medical witnesses.

LARYNGOLOGY AND OTOTOLOGY.**PROFESSOR RICHARDSON,**

Laryngologist to the University, the Providence, and the Episcopal Eye, Throat, and Ear Hospitals.

This course comprises lectures and clinical instruction on diseases of the nasal passages, pharynx, larynx, and also the ear.

Practical demonstrations are given in the use of the laryngoscope and other instruments required in these special branches.

NERVOUS DISEASES.**PROFESSOR TOMPKINS,**

In Charge of the Department of Nervous Diseases at the City Dispensary, and Emergency Hospital. Associate in Nervous Diseases, University Hospital.

Lectures are given upon the more common and important of these affections.

SURGICAL PATHOLOGY.

PROFESSOR VAN RENSSELAER,

Associate Surgeon, University Hospital; and one of the Surgeons to the
Georgetown Hospital.

The Professor gives a series of lectures upon the Pathological Anatomy of Surgical Diseases and Injuries and upon Surgical Bacteriology, illustrated by means of charts and photographs.

ORTHOPEDIC SURGERY.

PROFESSOR SHANDS,

Orthopedist, University Hospital.

This course embraces didactic lectures on the Pathology, Etiology, Course and Termination of all Chronic Joint Diseases, and, as far as practicable, with clinical instruction of treatment of the same according to the most modern orthopedic methods.

Special attention is given to the correction of all deformities, either acquired or congenital, by both mechanical and operative measures. There are afforded also practical illustrations as to applications of all the most modern orthopedic appliances.

Practical instruction is given in the application and use of plaster of Paris in treatment of Pott's Disease, Scoliosis, Club Feet, etc.

HYGIENE.

PROFESSOR PHILLIPS,

In charge of the Section of Climatology, U. S. Weather Bureau.

The course in Hygiene is directed to teaching the relations of habits and surroundings to health, and the approved methods for making both habits and surroundings contribute to the preservation of health and the prevention of disease; it comprises also the consideration of the laws of hygiene as applied to the individual and to the community.

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PATHOLOGY AND BACTERIOLOGY.

PROFESSOR REED,

Pathologist of the University Hospital; Curator of the Army Medical Museum, and Professor of Clinical and Sanitary Microscopy in the Army Medical School.

In this department the effort is made to give the student a practical knowledge, first, of the preparation of culture media, the principles of disinfection and sterilization, and the methods of cultivating, staining, and studying bacteria. After some familiarity with the biological characters of the pyogenic cocci has been acquired, the study of inflammation is next begun, so that the student may appreciate as fully as possible the several lesions which these microorganisms bring about in various tissues. Thereafter the courses in bacteriology and pathology are carried along, side by side, as much as possible, the specific lesions produced by a pathogenic bacterium being carefully studied in connection with its biological characters. During this course, which lasts from October to May, in addition to the process of inflammation, the diseases of the heart and blood-vessels, the lungs, the liver, kidneys, spleen, and intestines are studied in succession, as far as possible. For this purpose, sections illustrating the various diseases are carefully selected and given to the student, to be stained, mounted, and studied by himself under the immediate supervision of the instructor. These sections become thereafter the property of the student. The course terminates with the microscopic study of the several varieties of tumors.

HISTOLOGY.

PROFESSOR WASHBURN.

The study of Histology is compulsory for students in the second year of their course. Special attention is given to the manipulation of the microscope, and to that part of the technique necessary for an intelligent study of tissues. This is followed by a systematic study of the cellular structure of the elementary tissues and organs of the body. The Histological Laboratory, open both day and evening, is equipped with microscopes and

accessory apparatus necessary for carrying out a thoroughly practical course of study in this subject. Examinations are held at the close of the session.

MENTAL DISEASES.

PROFESSOR FOSTER,

One of the Assistant Physicians to the Government Hospital for the Insane,
St. Elizabeth.

A series of lectures is given upon the subject of insanity in its varied forms. Clinical instruction is also given at the hospital.

PHARMACY.

DR. MORGAN.

Instruction is given in this course on the following subjects:
1. The methods of making typical preparations of the Pharmacopœia. 2. Prescription writing. 3. The compounding of prescriptions. 4. Incompatibles and antidotes to poisons. These subjects are taught by practical laboratory work and exercises.

LABORATORY INSTRUCTION.

The laboratories are furnished with the necessary apparatus and with all modern appliances for practical instruction in Chemistry, Bacteriology, Normal and Pathological Histology, Clinical Medicine, and Pharmacy, as above described.

The Pathological Museum is equipped with a large number of interesting and valuable specimens. Dr. L. W. Glazebrook, the Deputy Coroner of the District of Columbia, has been made Curator of the Museum, and from time to time adds valuable specimens to the collection.

CLINICAL INSTRUCTION.

Attendance upon Clinical Instruction in Medicine and Surgery, during at least two years, is required, and upon other clinics as indicated by the special clinical card. When the student presents himself for examination a certificate to this effect must be furnished.

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ADMISSION.

Candidates for matriculation are required to show that they are fitted, by previous education, for the study of medicine, and for this purpose they must either submit themselves to an examination or in lieu thereof present a satisfactory certificate of their attainments.

Should an examination be necessary, it will comprise the following subjects:

1. English composition.
2. Translation of easy Latin prose.
3. Elements of Algebra and Higher Arithmetic.
4. Elementary Physics.

Students conditioned or unable to undergo the examination in Latin or in Elementary Physics may obtain instruction on these subjects during the Freshman year, and on passing a satisfactory examination before the beginning of the second year will be matriculated.

Dr. O. A. M. McKimmie, 1333 N Street, N. W., will give further information in regard to instruction in Latin, Physics, etc.

During Dr. McKimmie's temporary absence from the city this work will be done by Dr. F. P. Morgan, 1230 9th Street.

ADVANCED STANDING.

Students of other institutions who have attended one course of lectures in any regular medical school are placed upon the same footing with those who have attended one course in this School, and those who have attended two (or three) courses of lectures in any other regular college or colleges rank with those who have attended two (or three) courses in this institution, and the same privileges as regards examination are extended to them; they are admitted respectively as second, third, or fourth year students after passing a satisfactory examination upon the subjects required of our own students during the first, second, and third years, as previously described.

GRADUATION.

Candidates for the degree of Doctor of Medicine must be of good moral character and at least twenty-one years of age; they must have studied medicine four years, and must have attended four courses of lectures, the subjects arranged as follows:

First Year.

Unless otherwise stated, subjects are given one-half hour each day per week.

Anatomy.—Two hours before, three hours after Christmas.

Physiology.—Two hours before, three hours after Christmas.

Chemistry.—Three hours before, two hours after Christmas; three hours' laboratory work.

Materia Medica and Therapeutics.—Three hours before, two hours after Christmas; one hour laboratory work.

Practical Anatomy.—Dissection-room open during the day and until 11 o'clock at night.

Examination at the end of the year upon the above-named subjects.

Second Year.

Anatomy.—Two hours before, three hours after Christmas.

Physiology.—Two hours before, three hours after Christmas.

Chemistry.—Three hours before, two hours after Christmas; four hours' laboratory work.

Materia Medica and Therapeutics.—Three hours before, two hours after Christmas.

Minor Surgery.—One hour, October 5 to December 5, in manikin-room.

Histology. Laboratory.

Practical Anatomy.—Dissection room open all day and until 11 o'clock at night.

Examination at the end of this year upon the above-named subjects.

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Third Year.

Surgery.—Three hours before, two hours after Christmas.

Medicine.—Two hours before, three hours after Christmas.

Obstetrics.—Three hours before, two hours after Christmas.

Dermatology.—One hour, from January 4 to March 16.

Ophthalmology.—One hour, from October 3 to December 5.

Bacteriology and Pathology.—Eight hours' laboratory work per week.

Surgical Pathology.—One hour, from October 7 to December 9.

Clinics.

Medical Jurisprudence.—One hour, October 4 to December 6.

Mental Diseases.—Three hours, January 27 to February 17.

Hygiene.—Three hours, January 4 to January 25.

Examination on the above-named subjects at the end of the year.

Fourth Year.

Surgery.—Three hours before, two hours after Christmas.

Medicine.—Two hours before, three hours after Christmas.

Clinics and laboratory instruction.

Obstetrics.—Three hours before, two hours after Christmas.

Gynecology.—One hour, from October 8 to December 6.

Nervous Diseases.—Three hours, from October 29 to November 19.

Pædiatrics.—One hour, and clinics from January to April.

Otology and Laryngology.—Three hours, from October 5 to November 19.

Orthopedic Surgery.—Three hours, from October 5 to October 26.

Clinics.

Final examination at the close of the fourth year upon the above-named subjects.

The candidate must have dissected for at least two sessions, during each of which he shall be required to dissect two "parts" of a subject, and it is recommended that he dissect three parts.

He must have attended also two courses of clinical instruction in Medicine and Surgery.

One month before the close of the session he shall enter his name with the Dean of the Faculty as a candidate for graduation, and at the end of the term present himself for examination. The examination is both written and oral. The examination for the degree is held at the end of the session in May.

Graduates of other accredited medical colleges must pass a satisfactory examination on the essential branches of medicine before receiving a diploma from this University.

Students who fail to pass the examinations in the spring are allowed a reexamination in the following fall.

The diploma is granted only at the Annual Commencement, and the degrees are conferred by the authority of The Columbian University, incorporated by act of the Congress of the United States of America.

THE UNIVERSITY HOSPITAL.

Clinical teaching is conducted in this hospital in conjunction with the didactic lectures in the various branches. The convenient location and the fact that the hospital is under the immediate control of the Medical Faculty offer unusual advantages to the students of this school.

GARFIELD HOSPITAL.—Clinical Lectures are given regularly during the session by Professors Thompson and Van Rensselaer on Surgery, and by Professors Cook and Claytor on Medicine, Carmichael on Dermatology, and Butler on Ophthalmology. A great variety of medical and surgical diseases is to be seen in this institution, affording abundant material for clinical diagnosis and operative surgery.

CHILDREN'S HOSPITAL.—A weekly course of Medical and Surgical Clinics is given by Professors Thompson and Acker. An opportunity is here afforded for observing all the medical and surgical diseases, injuries, etc., to which children are liable. The Dispensary service of the Hospital is very large and instructive.

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CENTRAL DISPENSARY AND EMERGENCY HOSPITAL.—Dr. H. L. E. Johnson, in charge of the department of diseases of women; Dr. Shands, on general medicine; Dr. Tompkins, in charge of nervous diseases; Dr. Carmichael, in dermatology, and Dr. Stone, in genito-urinary diseases, conduct courses of instruction in their respective branches.

PROVIDENCE HOSPITAL.—Clinical Instruction, both medical and surgical, is given by the staff of this institution. Gynecological clinics by Dr. J. W. Boyce.

LUTHERAN EYE AND EAR INFIRMARY.—The diseases of the eye and ear in this hospital are demonstrated during the clinics of Professor Butler.

EPISCOPAL HOSPITAL.—Dr. Richardson shows cases of diseases of the nose, throat, and ear in the dispensary service of this hospital.

COLUMBIA HOSPITAL.—Clinics and gynecological operations by Dr. Boyce.

CLINICS, 1899-1900.

University Hospital.

Surgery.—Dr. Thompson, Tuesdays; Drs. Van Rensselaer and Carr.

Medicine.—Dr. Johnston, Saturdays at 4.30; Drs. Acker and Cook.

Dispensary Service.

Surgical Diseases.—Dr. Wellington, Tuesdays, Thursdays, and Saturdays, 1 to 2 p. m.

Medical Diseases.—Dr. Hardin, Tuesdays, Thursdays, and Saturdays, 2 to 3 p. m.

Gynecology.—Dr. H. L. E. Johnson and Dr. Boyce, Wednesdays and Fridays, 1 to 2 p. m.

Diseases of the Eye.—Dr. Shute, Mondays and Thursdays, 2 to 3 p. m.

Diseases of the Ear and Throat.—Dr. Richardson, Mondays and Thursdays, 1 to 2 p. m.

Diseases of the Skin.—**Drs. Yarrow and Carmichael**, Mondays, 2 to 3 p. m.

Diseases of Children and Orthopedic Surgery.—**Drs. McArdle and Shands**, Wednesdays and Saturdays, 2 to 3 p. m.

Nervous Diseases.—**Drs. Tompkins and Ruffin**, Tuesdays and Fridays, 2 to 3 p. m.

Genito-urinary and Venerel Diseases.—**Dr. Stone**, Saturdays, 1 to 2 p. m.

At the Garfield Hospital.

Surgery.—**Dr. Thompson**, Sundays, at 10:30, November to April; **Dr. Van Rensselaer**, Sundays, at 10:30, October 1 to November 1.

Medicine.—**Dr. Claytor**, Tuesdays, at 4:15, October 1 to January 1; **Dr. Cook**, Tuesdays and Thursdays, at 4:15, January 1 to April 1.

Medical Dispensary Service.—**Dr. Hardin**, Mondays, Wednesdays, and Fridays, at 2 p. m.

Surgical Dispensary Service.—**Dr. Wellington**, Tuesdays, Thursdays, and Saturdays, at 2 p. m.

At the Children's Hospital.

Children's Diseases.—**Dr. Acker**, January 1 to April 1, Wednesdays, at 4:15 p. m.

Surgery.—**Dr. Thompson**, Tuesdays, at 2 p. m., October to April.

Medical Dispensary Service.—**Dr. Leech**, Tuesdays, Thursdays, and Saturdays, at 2 p. m.; **Dr. Wellington**, Mondays, Wednesdays, and Fridays, at 2 p. m.

Surgical Dispensary Service.—**Dr. McArdle**, Tuesdays, Thursdays, and Saturdays.

At the Central Dispensary and Emergency Hospital.

Gynecology.—**Dr. H. L. E. Johnson**, Sundays, at 1 p. m., October to April (fourth year).

Orthopedic Surgery.—**Dr. Shands**, Fridays, 1 p. m. (fourth year).

Nervous Diseases.—Dr. Tompkins, Mondays and Thursdays, at 12 noon (fourth year).

Surgery.—Dr. W. P. Carr, daily, at 2 p. m., and Thursdays, at 5.30 p. m., October to January 15.

Genito urinary.—Dr. T. R. Stone, Tuesdays, at 1 to 2 p. m. (fourth year).

Dermatology.—Dr. Carmichael, Mondays and Thursdays, at 12 (third year).

At the Lutheran Dispensary.

Ophthalmology.—Dr. Butler, Tuesdays, at 1 p. m. (third year).

At the Episcopal Eye, Ear, and Throat Hospital.

Otology and Laryngology.—Dr. Richardson, Saturdays, at 1 p. m., November and December (fourth year).

At Providence Hospital and at Columbia Hospital, by Special Invitation.

Gynecology.—Dr. Bovée, Mondays and Thursdays (fourth year).

Obstetrical Demonstrations are given by Dr. E. E. Morse to fourth-year students. Cases are supplied.

All general Medical and Surgical Clinics are for students of the third and fourth years. A strict record of the student's work in these clinics is kept, and attendance is required.

SCHEDULE OF CLINICAL INSTRUCTION,

1900-1901.

Clinics at the UNIVERSITY HOSPITAL will be given by members of the Faculty at hours to be named at the beginning of the course.

In addition, clinics will be given at the other hospitals of the city in accordance with schedule just given.

Cards giving exact days and hours of all clinical instruction are issued at the beginning of each term.

When the student presents himself for graduation his record from Drs. Thompson, Van Rensselaer, and Carr must show that he has attended two full courses of instruction in clinical surgery, and must show from Drs. Johnston, Acker, Cook, and Clayton that he has attended two full courses of clinical medicine.

UNIVERSITY LECTURES.

Students of the Medical School are admitted, without further fee, to the University Lectures. When qualified to profit by them, they may secure admission to other lectures, given in the Hall of the University, by applying to the Dean.

PRIIZES.

At the end of the term a General Examination Prize of fifty dollars is awarded. It is given to the candidate for graduation who shall pass the best general examination.

The Faculty awards two additional prizes—one for proficiency in Clinical Medicine and one for proficiency in Clinical Surgery.

In addition to these, Professor H. C. Yarrow gives a prize for the best examination in Dermatology; Professor H. L. E. Johnson gives one for the best examination in Clinical Gynecology; Professor Sterling Ruffin gives one for the best examination in Medical Jurisprudence; Professor C. W. Richardson gives one for the best examination in Laryngology and Otology; Professor E. L. Tompkins gives one for the best examination in Nervous Diseases; Professor Acker gives one for the best examination in Pædiatrics, and Professor Butler one for the best examination in Ophthalmology.

Prize Awards, 1899.

The General Examination Prize of Fifty Dollars, awarded to Luther Halsey Reichelderfer, of Ohio.

First honorable mention, awarded to Sothonor Key, of Maryland.

Second honorable mention, awarded to John Howard Allen, of Tennessee.

Third honorable mention, awarded to Orville J. Mason, of New York.

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The Faculty Prize in Clinical Medicine, awarded to Robert B. Grubbs, of Virginia.

The H. L. E. Johnson Prize in Clinical Gynecology, awarded to Sothonor Key, of Maryland.

The Sterling Ruffin Prize in Medical Jurisprudence, awarded to L. H. Reichelderfer, of Ohio.

The C. W. Richardson Prize in Laryngology and Otology, awarded to William K. Ward, of the District of Columbia.

The E. L. Tompkins Prize in Nervous Diseases, awarded to Percy M. Cox, of the District of Columbia.

The G. N. Acker Prize in Pediatrics, awarded to Henry A. May, of New York.

The H. C. Yarrow Prize in Dermatology, awarded to Randolph Kleiner, of Indiana.

The W. K. Butler Prize in Ophthalmology, awarded to D. W. Prentiss.

TEXT-BOOKS AND WORKS OF REFERENCE.

ANATOMY.—*Gerrish's** *Text-Book of Anatomy by American Authors*; Quain's or Morris' Anatomy; Heisler's Text-book of Embryology; Holden's Manual of Dissection; Haynes' Manual of Anatomy; Wiedersheim's Structure of Man.

PHYSIOLOGY.—*Flint's*, Kirke's, Foster's or Yeo's Physiology.

CHEMISTRY.—*Richter's*, Remsen's, *Simon's*, or Fowne's Chemistry; Bowman's Medical Chemistry; Witthaus' Chemistry; Purdy's *Uranalysis*; Remsen's Organic Chemistry.

MATERIA MEDICA.—*H. C. Wood's Therapeutics*; National Dispensatory; Ede's Therapeutics.

SURGERY.—*Ashurst's*, Gross' System of Surgery; Erichsen's or Druitt's Surgery; Principles of Surgery, Senn.

PRACTICE OF MEDICINE.—Osler; Wood and Fitz; Tyson; Anders; American System of Practical Medicine (Loomis-Thompson); Da Costa's Diagnosis; Musser's Diagnosis; Clinical Diagnosis, Simon; Klemperer; Clinical Examination of the Blood, Cabot; Applied Therapeutics, Wilson.

* The works first named and in *italics* are preferred.

OBSTETRICS.—*Playfair*, Lusk, or Parvin's *Obstetrics*; American Text-book of *Obstetrics* (*Saunders*); *Obstetric Surgery*, by Grandin and Jarman; A. F. A. King's *Manual of Obstetrics*.

GYNECOLOGY.—*Garrigue on Diseases of Women*; Thomas and Mundé's Work; H. T. Byford's *Manual of Gynecology*.

DISEASES OF CHILDREN.—*Holt on Diseases of Infants and Children*; J. Lewis Smith; Meigs and Pepper; Rotch's Work.

HISTOLOGY.—Piersol's *Normal Histology*; Schäfer or Clarke-Son's.

PATHOLOGY AND BACTERIOLOGY.—Abbott's *Principles of Bacteriology*; Ziegler's *Pathological Anatomy*.

HYGIENE.—Parks' *Practical Hygiene*; Stephenson and Murphy's *Treatise on Hygiene and Public Health*; Egbert's *Hygiene*.

DERMATOLOGY.—Hyde's *Diseases of the Skin*; Jackson's *Diseases of the Skin*; Duhring's *Diseases of the Skin*.

OPHTHALMOLOGY.—Nettleship, De Schweinitz, or Fick.

MINOR SURGERY.—Wharton.

NERVOUS DISEASES.—Gray, Mills, Dana, Hammond, Rouney.

MENTAL DISEASES.—Beaven Lewis.

ORTHOPEDIC SURGERY.—Bradford and Lovett's or Young's *Orthopedic Surgery*.

LARYNGOLOGY AND OTOLGY.—Bacon, Buck, Dench on the Ear; Seiler and F. S. Bishop on Throat Diseases.

MEDICAL JURISPRUDENCE.—Reese; Taylor's Manual; Witthaus and Becker.

DICTIONARIES.—Dunglison's, Duane's, Foster's, or Gould's.

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EXPENSES.

For the session of 1900-1901 and thereafter the fee for each year will be \$110. This covers all expenses, dissection and laboratories included, except breakage or loss of valuable apparatus in the laboratories. Of this amount at least \$25 must be paid upon entrance and before beginning dissection. Each graduate pays a \$10 fee for diploma.

A deposit is required to defray the expense of apparatus destroyed in the chemical and other laboratories.

For special courses the following fees will be charged:

Matriculation fee, payable only once.....	\$5 00
Single tickets.....	25 00
Practical Anatomy, by the Demonstrator.....	10 00
Laboratory tickets, each, per year.....	10 00

Payment of the fees is required in all cases, and must be made at the commencement of the session, unless there are special arrangements with the Dean to suit the convenience of the student.

The prices of board range from \$12 to \$30 per month, and rooms may be obtained for \$10 and upward per month, according to location, etc.

SCHOLARSHIPS.

By virtue of a liberal endowment from the late Mr. W. W. Corcoran, this School is enabled to offer six free Scholarships.

Two of these Scholarships are open for competitive examination to the graduates of the several High Schools of the District of Columbia. These two Scholarships are awarded to the two students whose averages are highest.

Two of the Scholarships are open for competitive examination to graduates of any reputable High School or College (preference being given to those in the District of Columbia) who shall give satisfactory written evidence of pecuniary inability and certificates of good moral character and industry. These two Scholarships are awarded to the two graduates whose averages are highest.

The remaining two Scholarships are open for competitive examination to students who, though not graduates of any High School or College, yet give satisfactory evidence that they are fitted by previous education for the study of medicine, and at the same time give satisfactory written evidence of pecuniary inability and certificates of good moral character and industry. These two Scholarships are awarded to the two students whose averages are highest.

In addition to the above-mentioned six Corcoran Scholarships, the Faculty offer two Medical Missionary Scholarships, which will be given to those who after one year's work are judged by the President of the University best qualified to enter the study of medicine for the purpose of becoming medical missionaries.

Applications should be addressed to the Dean and sent in not later than the first of September.

The School Building is situated opposite a Government reservation, at No. 1325 H Street, N. W., THE UNIVERSITY HOSPITAL at 1335 H Street, N. W., within half a square of three lines of street cars going to every part of the city.

Students desiring further information are requested to address

DR. E. A. DE SCHWEINITZ, *Dean,*
1325 H Street, N. W.

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STUDENTS IN MEDICINE.

First Year Students.

Name.	State.	Address.
Bagby, B. B.	Va.	631 8th Street, N. E.
Bechtold, George.	N. Y.	1100 8th Street.
Bell, Chas. L.	Mo.	1013 L Street.
Booth, G. W.	Md.	334 12th Street, S. E.
Brandenburg, W. R.	D. C.	2335 18th Street.
Brenizer, Gilmer	N. C.	127 A Street, N. E.
Brian, E. G.	Md.	34 I Street.
Browning, A. J.	Md.	313 4½ Street.
Butterfield, E. E.	Mont.	1521 T Street.
Coburn, H. C., Jr.	D. C.	2111 G Street.
Cook, G. B.	Va.	3 Thomas Circle.
Craig, A. E.	D. C.	3125 O Street.
Cummings, O. G.	Ala.	.....
Donnally, H. H.	Minn.	511 B Street, N. E.
Dorman, J. W.	Ohio.	132 A Street, N. E.
Farrall, J. C.	Md.	216 5th Street, S. E.
Fagin, E. A.	Ohio.	Interior Department.
Franklin, E. T. M.	Va.	Alexandria, Va.
Garrett, John.	Md.	2338 N Street.
Gale, J. C.	Pa.	Dist. Comms' Office.
Goode, J. E.	N. C.	922 N. Y. Avenue.
Galatzo, W. F.	Md.	19 Grant Place.
Harley, R. Cooke	Md.	Forest Glen, Md.
Gunnell, J. H.	D. C.	1765 Q Street.
Hart, F. M.	N. Y.	1522 Corcoran Street.
Harrington, F. E.	Va.	Marine Barracks.
Hastings, J. E.	N. Y.	Patent Office.
Holloway, T. C.	Ky.	.....
Hospital, Dixon.	Va.	1135 9th Street.
Jones, S. A.	Ohio.	Navy Department.
Lewis, H. L.	Md.	Bethesda, Md.
Linville, Thos.	N. C.	435 Mass. Avenue.
Mackall, Bruce.	D. C.	1721 Riggs Place.
Mahling, E. H.	Maine.	.....

Name	State	Address.
Mallory, W. J.	Va.	109 5th Street, S. E.
May, C. H.	Va.	Alexandria, Va.
Minnegerode, G. C.	D. C.	1330 30th Street.
Monroe, Madison	Va.	620 Mass. Avenue.
McFarland, Eppa	Va.	1135 9th Street.
McLain, E. B.	Miss.	52 B Street, N. E.
McNeil, Irving	Tenn.	1719 G Street.
Oswell, C. A.	N. Y.	1106 L Street.
Phillips, J. F.	Va.	422 3rd Street.
Pyle, D. T.	Idaho	608 12th Street.
Pyles, J. C.	Md.	Camp Springs.
Rhees, B. J.	D. C.	1713 M Street.
Reed, E. Eder	Md.	1206 T Street.
Rideout, M. B.	Iowa	Y. M. C. A. Building
Reynolds, McPherson	Ill.	228 9th Street, N. E.
Searles, Stanley	Ill.	903 N. Y. Avenue.
Shreve, J. H., Jr.	Md.	Chillum, Md.
Smith, E. B.	Tenn.	20 3rd Street, N. E.
Smith, D. G.	D. C.	1335 22d Street.
Smith, L. C.	Va.	Alexandria, Va.
Snowden, Edgar	Va.	Alexandria, Va.
Spieden, Elgar, Jr.	D. C.	639 Elliott St., N. E.
Stetson, Thos.	D. C.	2825 14th Street.
Taylor, L. H.	Va.	1644 R Street.
Towner, F. H.	D. C.	1105 O Street.
Thrift, H. A.	Iowa	702 19th Street.
Truelsen, T.	Neb.	505 4th Street.
Webb, P. L.	D. C.	1319 Emerson Street.
White, Dana, Jr.	Md.	Riverdale, Md.
Willims, C. B.	Pa.	822 7th Street, N. E.
Worley, D. A.	Md.	Riverdale, Md.
Winsor, R. F.	Mass.	

Second Year Students.

Name	State	Address
Adamson, J. H.	Va.	1112 13th Street.
Anderson, U. G.	N. J.	935 Pa. Avenue.
Atkins, L. F.	N. C.	1418 L Street.
Barnes, Geo. S.	S. C.	1517 I Street.

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Name.	State.	Address.
Boyer, G. M.	Md.	1408 8th Street.
Boothby, W. C.	N. H.	The Ingleside.
Brearden, R.	Wis.	Weather Bureau.
Bridger, J. D.	Miss.	The Fredonia.
Carswell, F. L.	Ga.	1002 N Street.
Conyngton, Wm.	Texas.	1409 Corcoran Street.
Emery, O. V.	Pa.	Treasury Dept.
Fitch, Arthur C.	N. Y.	325 E. Capitol St.
Fitch, Frederick A.	Ky.	2213 M Street.
Foust, Earl H.	Mich.	810 9th Street, N. E.
Foster, C. L.	Miss.	1409 N. Capitol St.
Fry, Samuel.	Ia.	1311 H Street.
Green, R. J.	D. C.	St. Elizabeth's Hosp.
Gilchrist, E. Y.	Md.	652 Mass. Avenue.
Glascok, Alfred	Va.	3040 P Street.
Hathaway, W. A.	Pa.	1112 13th Street.
Hudson, Edward C.	Texas.	316 C Street.
Houghton, M. W.	D. C.	1830 14th Street.
Jewett, Henry M.	N. H.	509 1st Street, N. E.
Jones, E. B.	Ind.	1309 Roanoke Street.
Jones, E. E.	D. C.	1940 9th Street.
Knowlton, J. W.	Mass.	1335 N Street.
Laird, J. Packard.	Va.	929 Farragut Square.
Lynch, J. Mortimer	Texas.	1017 K Street.
Lawton, E. M.	D. C.	1143 24th Street.
Little, R. M.	Ohio	519 E. Cap. Street.
Lyon, M. W., Jr.	N. J.	National Museum.
McClanahan, A. L.	Va.	1205 M Street.
McDaniel, J. M.	S. C.	1014 12th Street.
McGeary, T. J.	N. J.	712 11th Street.
Parsell, Chas. W.	N. Y.	723 18th Street.
Price, M. H.	Va.	1255 H Street, N. E.
Pipes, H. F.	W. Va.	1542 7th Street.
Pollard, W. T.	Va.	Alexandria, Va.
Poole, F. H.	Texas.	1311 H Street.
Prevatt, J. T.	Ga.	1505 12th Street.
Quinn, W. A.	D. C.	664 Mass. Ave., N. E.
Ransdell, R. C.	Ind.	Hamilton, Va.
Rogers, J. D.	Va.	...

Name.	State.	Address.
Robey, W. L.	Va.	University Hospital.
Slater, C. N.	D. C.	1735 S Street.
Smith, Jos. W.	Md.	1443 U Street.
Tinker, B. L.	Pa.	810 9th Street, N. E.
Williams, J. H.	Ga.	719 13th Street.
Williams, J. M.	W. Va.	1117 K Street.
West, R. T.	Md.	Kensington, Md.
Wimberly, G. W.	Ga.	1331 L Street.
Worthley, M. L.	Pa.	460 Penna. Avenue.

Third Year Students.

Name.	State.	Address.
Bennett, A. B., Jr.	D. C.	3038 P Street.
Brown, T. J. W.	Tenn.	1112 13th St.
Collins, H. F.	D. C.	125 10th Street, N. E.
Costello, M. E.	Md.	Hyattsville, Md.
Dailey, W. F.	Miss.	1312 Q Street.
Davis, W. T.	Ky.	1013 L Street.
Eastman, W. R.	Va.	Falls Church.
Freeman, P. L.	Md.	422 8th Street, S. E.
Grasty, T. S. D.	Va.	625 Q Street.
Hoadley, A. M.	N. Y.	241 Pa. Avenue.
Kittredge, H. E.	Vt.	1027 8th Street.
Mason, E. L.	Va.	Children's Hospital.
March, Harry A.	Ohio.	906 I Street.
Marshall, J. W.	Idaho	Treasury Dept.
Magruder, E. P.	Md.	1220 H Street.
Merrill, W. H.	Vt.	Emergency Hospital.
Morris, S. J.	Ohio.	1615 1st Street, N. E.
Morten, Baxter.	La.	Patent Office.
Murray, A.	Va.	Alexandria, Va.
Mitchell, J. E.	Md.	497 Pa. Avenue.
Nelson, A. T.	Va.	La Normandie.
Pylee, W. L.	D. C.	224 11th St., S. E.
Perkins, W. R.	Md.	627 Pa. Avenue.
Pulliam, J. M.	Va.	St. Elizabeth's Hosp.
Reed, D. H.	N. C.	1712 15th Street.
Ruffin, G. M.	N. C.	1023 Vt. Avenue.
Russell, R. L.	D. C.	10 7th Street, N. E.

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Name.	State	Address.
Rucker, H. C.	Va.	St. Elizabeth's Hosp.
Ryder, L. W.	Conn.	Marine Hospital.
Simmons, M. J.	Md.	1411 Corcoran Street.
Tobias, H. W.	Pa.	Treasury Dept.
Turner, K. B.	Kans.	Pacific Building.

Fourth Year Students.

Name	State	Address.
Andrews, W. F.	Mich.	1315 Columbia Road.
Atkinson, J. F.	Ind.	Gov't Printing Office.
Barron, N. I.	Ala.	902 G Street.
Beale, R. S.	D. C.	3062 Q Street.
Beall, C. M.	D. C.	1469 Kenesaw Ave.
Blye, B. F., Jr.	N. Y.	Treasury Dep't.
Birtwell, D. T.	Pa.	725 12th Street.
Brown, O. G.	D. C.	1357 Roanoke Street.
Brown, H. L.	D. C.	230 N. Capitol Street.
Bradshaw, G. M. B.	Pa.	War Department.
Butz, A. D.	Pa.	Eastern Dispensary.
Cannon, J. S.	England.	1829 K Street.
Clark, C. P.	Miss.	620 I Street.
Clark, W. S.	N. Y.	819 13th Street.
Copeland, E. P.	D. C.	Children's Hospital.
Cuthbertson, C. W.	N. C.	622 E Street.
Dixon, T. B.	D. C.	1336 19th Street.
Fadeley, F. F.	Va.	2023 N Street.
Ford, R. H.	D. C.	U. S. Coast Survey.
Gotta, R. C.	Pa.	818 New Jersey Ave.
Graham, H. H.	Ohio.	305 H Street.
Greene, H. S.	Vt.	1320 Q Street.
Greenstreet, A. G.	Mo.	1343 L Street.
Griffith, W. E.	Pa.	420 11th Street, N. E.
Hales, R. A.	N. C.	1325 12th St., N. E.
Hester, F. D.	Va.	The Portner.
Johnson, F. T.	Mich.	1442 Florida Avenue.
* Kleiner, Randolph.	Md.	725 12th Street.
Kemp, T. J.	Neb.	Treasury Dep't.

* Deceased.

Name	State	Address
Lerrick, B. F., M. D.	Ill.	824 12th Street.
Leith, A. T.	Wis.	1461 Florida Avenue.
Macatee, H. C.	Va.	Garfield Hospital.
Main, R. B.	D. C.	2009 Mass. Avenue.
Manning, H. M.	Pa.	637 Md. Ave., N. E.
Mason, S. M.	Va.	Columbia Hospital.
Medley, W. W.	Va.	1313 Corcoran Street.
McKee, W. P.	D. C.	809 22d Street.
McKeldin, R. A. W.	Md.	333 N. C. Ave., S. E.
Moulden, W. R.	D. C.	1305 R. I. Avenue.
Perry, C. R.	Va.	610 21st Street.
Price, H. M.	D. C.	426 7th Street, S. W.
Prentiss, E. C.	D. C.	1218 9th Street.
Ragan, C. A.	Tenn.	Garfield Hospital.
Reis, Henry, Jr.	Ill.	Garfield Hospital.
Riggles, J. L.	D. C.	445 O Street.
Rittenour, A. A.	D. C.	
Robinson, G. M.	Pa.	1011 M Street.
Rowdybush, R. F., M. D.	Ill.	211 4½ Street.
Schlaar, W. F.	N. Y.	800 O Street.
Smith, C. T.	Va.	30 Grant Place.
Smith, H. W.	Pa.	Navy Department.
Snoddy, T. B.	D. C.	1217 K Street.
Stearns, J. W.	D. C.	1756 Madison Street.
Stewart, J. W.	N. C.	Bethesda, Md.
Taylor, A. A.	Ohio	1002 K Street.
Thomas, H. B.	N. C.	1021 Vermont Ave.
Westlake, A. J.	N. Y.	Geological Survey.
Webb, U. R.	Tenn.	1718 N Street.
Wyeth, L. J.	Ill.	2022 R Street.

Special Students.

Name	State	Address
H. W. Lawson, B. S.	Mich.	105 A Street, S. E.
M. C. Marsh, B. S.	N. Y.	1000 8th Street.
W. A. Karns.	Ga.	11½ Grant Place.
F. W. P. Butler, M. D.	S. C.	

Total..... 213

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THE DENTAL SCHOOL.

THE FACULTY.

* REV. BENAIAH L. WHITMAN, D. D., LL. D.,
President.

REV. SAMUEL H. GREENE, D. D., LL. D.,
President pro tempore.

J. HALL LEWIS, D. D. S.,
Dean,
Professor of Dental Prosthetics.

HENRY C. THOMPSON, D. D. S.,
Professor of Operative Dentistry.

STERLING RUFFIN, M. D.,
Professor of Materia Medica and Therapeutics.

D. KERFOOT SHUTE, M. D.,
Professor of Anatomy.

EMIL A. DE SCHWEINITZ, M. D.,
Professor of Chemistry.

WILLIAM P. CARR, M. D.,
Professor of Physiology.

JONATHAN R. HAGAN, D. D. S.,
Professor of Oral Surgery.

W. F. R. PHILLIPS, M. D.,
Demonstrator of Anatomy.

* Resigned March 31, 1900.

WILLIAM S. WASHBURN, M. D.,
Professor of Normal Histology.

WALTER REED, M. D.,
Professor of Pathology and Bacteriology.

WILLIAM H. TRAIL, D. D. S.,
R. E. L. HACKNEY, D. D. S.,
CHARLES R. RICE, D. D. S.,
H. W. JOHNSON, D. D. S.,
WILLIAM C. FISHER, D. D. S.,
Demonstrators, in Charge of Infirmary.

COURSES OF INSTRUCTION.

The Regular Course of Lectures begins on October 1, 1900, and continues seven months.

The Introductory Lecture of the Course will be delivered by Dr. J. R. Hagan, on the above date, and the regular Lectures will continue throughout the session, beginning at 5.30 p. m. of each week day.

The courses of instruction extend through three years, and are arranged as follows:

First Year.—Anatomy, Physiology, Chemistry, and Materia Medica, together with Practical Anatomy, Operative and Prosthetic Technics, and such Infirmary work as is suitable for first-year students.

Second Year.—The subjects of the first year are continued, and to these are added Operative Dentistry, Prosthetic Dentistry, and Histology, with more advanced Infirmary work.

Third Year.—This year is devoted to Operative and Prosthetic Dentistry, Oral Surgery, and Bacteriology. An examination is held at the end of each year on all subjects taught during that year.

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As, however, no amount of scientific attainment can compensate for lack of manipulative skill, a large part of the student's time is devoted to actual practice in the Infirmary, for which purpose the large and centrally located Dental School building gives ample opportunities.

The operating room fronts on one of the Government reservations, and thus has a full, unobstructed light, so desirable in dental operations. It is furnished with all necessary appliances that will enable a student to acquire the knowledge of office practice, as well as a diversity of clinical experience.

A large, comfortable, and well-lighted Dental Laboratory is supplied with all the requirements for the successful practice of Prosthetic Dentistry, and lockers are available for the safe-keeping of instruments belonging to the students.

The extracting room is separate from the others, and is fitted up for the proper administration of the various anaesthetics, under the immediate supervision of a demonstrator thoroughly skilled in their application.

Special attention is called to the thoroughness of the practical instruction in the Infirmary, which is under the immediate supervision of Professor Lewis and Drs. Trail and Hackney, the Demonstrators in charge. They are in constant attendance during the entire term, directing and overseeing the operations of the students, who thus have the benefit of their many years of experience in Dental Practice.

The Infirmary is open every week day for nine continuous months (being closed during the months of July, August, and September), during which time an abundance of clinical material is readily available. In fact, fully as many patients present themselves as can possibly be attended to by the students.

The student has, therefore, the privilege of twenty-seven months' actual practice in the Infirmary, during which time he may become proficient in all those operations which the dental surgeon is ordinarily called upon to perform in office practice.

This School complies with all the requirements of the National Association of Dental Faculties, and also with those of the National Association of Dental Examiners, provided the requirements of the latter do not conflict with those of the former.

PROSTHETIC DENTISTRY AND METALLURGY.**PROFESSOR LEWIS.**

In this department the principles involved in the construction of artificial substitutes are exhaustively considered, and the lectures supplemented by practical demonstrations of the subjects mentioned.

In addition to the more commonly used vegetable bases for artificial teeth, the use of Gold, Silver, and Platinum is thoroughly taught, and Bridge Work, the construction of appliances for correcting Oral Irregularities, etc., are carefully considered.

The modes of preparation, properties, etc., of the Metals and Alloys of particular interest to the Dentist receive special attention.

The Professor endeavors to make his instruction thoroughly practical, and to prepare the student for the actual every-day practice of Prosthetic Dentistry.

**OPERATIVE DENTISTRY, DENTAL ANATOMY,
AND PATHOLOGY.****PROFESSOR THOMPSON.**

This course embraces lectures on the Special Anatomy and Physiology of the Teeth. The origin, growth, and eruption of the teeth receive minute attention, and are illustrated as their importance demands.

The methods of treating, filling, and extracting teeth receive attention in the lecture room, and are demonstrated clinically by gentlemen whose reputations are fully established as proficient operators. Extended consideration is given to Dental Pathology and Therapeutics.

CHEMISTRY.**PROFESSOR DE SCHWEINITZ.**

The instruction in this department embraces

A short discussion of the principles of Physics in their relation to Chemistry, the principles of Chemical Philosophy, and the laws of Chemical Combination.

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A study of the elements, metallic and non-metallic; the preparation, properties, and reaction of their different compounds and their application in Dentistry.

Organic Chemistry is studied with special attention to those organic compounds that are of practical use.

Laboratory instruction is given in the determination of acids and bases, analyses of alloys, etc.

PHYSIOLOGY.

PROFESSOR CARR.

The subject is fully covered by a two years' course of lectures, and these lectures are so illustrated by modern diagrams, models, and experiments as to make them clear in every detail. Emphasis is given to those truths that have a known practical value.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR RUFFIN.

In this course of instruction especial prominence is given to the physiological action of medicines and their therapeutic uses.

The Professor endeavors to make his instruction as practical as possible. The lectures are supplemented by working prescriptions and blackboard illustrations, as occasion will admit. The student is taught also the use of the Metric System in Medicine.

In the Pharmaceutical Laboratory the students are taught the methods of making different preparations, such as infusions, decoctions, tinctures, syrups, and the like. They are also taught the compounding of prescriptions, the proper excipients for pills, incompatibles (especially such as produce dangerous compounds), and are expected actually to compound working formulae.

ANATOMY.

PROFESSOR SHUTE.

This course of lectures is arranged with the view to render the didactic instruction in Anatomy as full and complete as the limits of the session will allow.

The lectures are illustrated by frequent reference to recent dissections and numerous drawings and diagrams. The stereopticon also is constantly employed to present photographic views of many regions of the body.

Public oral examinations are conducted by the Lecturer from time to time.

The Prosector to the Chair of Anatomy prepares the subject for the Lecturer.

The Demonstrator of Anatomy and his assistants give their personal attention to the students in the dissecting-room.

Practical Anatomy.

The dissecting-room is large, thoroughly ventilated, well lighted, and furnished with every requisite for the convenience and comfort of the student. Anatomical material is abundantly supplied free of charge. The room is open during the day and at night until 11 p. m., or even later on some occasions. It is under the supervision of the Faculty and the immediate direction of the Demonstrator of Anatomy, who, with his assistants, is present at stated hours to give his personal attention to the students and to instruct his classes in their dissections.

ORAL SURGERY.

PROFESSOR HAGAN.

A full course of Lectures upon this subject is given, and arrangements have been made for Clinical Demonstrations in the Infirmary, in order to teach more thoroughly this interesting branch of General Dentistry.

HISTOLOGY.

PROFESSOR WASHBURN.

The Histological Course embraces a thorough study of the general use of the microscope and a special examination of the origin and formation of the teeth, the minute parts of these organs, and the surrounding tissues.

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BACTERIOLOGY.

PROFESSOR REED.

The course is begun with a consideration of the principles involved in the process of sterilization by dry and moist heat, the relative value and mode of application of each, and an explanation of the construction of the apparatus employed for the purpose. The use and construction of the thermostat is taken up at the same time and the student taught how he can dispense with these costly appliances in emergencies.

The composition and modes of preparation of the various nutritive media are next considered, working formulas given, and the students required to prepare them at least once in the laboratory. This is followed by a discussion of bacteria as a class, their position in the biological world, their classification, distribution, and the general and special characters that belong to them.

After this preparatory training the various methods in use for the isolation and study of bacteria are taught by practical demonstration and practised by the students, after which the most important pyogenic organisms are studied in detail, giving special attention to those found in the nasal and oral cavities.

The aim of the course is chiefly to afford the students an opportunity to become practically familiar with bacteriological working methods, and to enable them to isolate and identify the bacteria present in suppurative processes, as well as to comprehend intelligently the references to micro-organisms in the current professional literature of the day.

ADMISSION.

Candidates for admission must show, either by examination or by the exhibit of a diploma or a certificate from some reputable institution of learning, that they have received a good English education, according to the requirements of the National Association of Dental Faculties.

ADVANCED STANDING.

The following is considered as equivalent to one course in this School:

A diploma from a recognized medical school, undergraduate tickets of the same, or satisfactory evidence that the student has passed the first-year examination in some other reputable dental school.

The following is considered as equivalent to two courses in this School:

A diploma from a reputable dental college or evidence of having passed the second-year examination in the same.

Graduates from schools of pharmacy and veterinary medicine may enter the Junior Class after passing a satisfactory examination in the first-year studies.

GRADUATION.

Candidates for graduation must have attended three full courses of lectures, each of seven months' duration, and three courses of Clinical Instruction in this Institution, during the regular winter term and in separate years, with the exceptions noted below.

Before becoming eligible for graduation, all medical graduates and students must take two full courses upon Operative and Prosthetic Dentistry, and conform to the usual Infirmary requirements.

Students are examined at the end of the regular course upon all subjects taught them during that course.

Should the student fail in his examination in the spring, he may be reexamined in the fall.

Students may go up for examination only in the spring and fall and upon the dates regularly selected for that purpose.

All fees must be paid and Infirmary requirements complied with before the student may present himself for examination.

Students must enter before, or within ten days after, the opening lecture of the regular Winter Course. They may register at any time during the nine months' Infirmary Course, and thus begin Infirmary practice at once upon payment of

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twenty-five dollars, which amount will be deducted from their tuition fees for the succeeding regular term.

The candidate must be examined upon all subjects taught in this School, with exceptions noted above, and before the examination he must perform operations upon the natural organs in the Infirmary, and present the School Museum a well-constructed specimen of dental mechanism made by himself in the Dental Laboratory of the University.

In addition to the above requirements, the moral character and habits of the candidate, his industry, and diligent attendance will be taken into consideration. Notable negligence, immorality, or habitual absence from the lectures will preclude the candidate from attaining his degree, even though he may have acquired sufficient technical knowledge to pass a creditable examination. This reservation on the part of the Faculty of the right to make good moral character a prerequisite for graduation must not be overlooked.

The student also, during and between the School sessions, must comply with the State laws regulating the practice of Dentistry, and act in accordance with the recognized code of ethics of the dental profession.

Candidates for graduation in the Dental School who desire to obtain a medical degree thereafter may be admitted to the medical examination on the primary branches at the termination of their second dental course, provided that, one month before the spring examinations, they give to the Dean written notice of their intention, and provided also that they have complied with the requirements of the Medical School as regards Dissection, the study of Histology, etc.

The degrees are conferred by the authority of The Columbian University, incorporated by act of Congress of the United States.

FACULTY PRIZE.

A prize will be given by the Faculty to the graduate passing the best examination in all branches and having the best Infirmary record. At the last commencement the prize was awarded to Thomas M. Rice, of Pennsylvania.

UNIVERSITY LECTURES.

Students of the Dental School are admitted, without further fee, to the University Lectures. When qualified to profit by them, they can secure admission to other lectures given in the Hall of the University by applying to the Dean.

EXPENSES.

First Year.....	\$100.00
Second Year.....	100.00
Third Year.....	110.00

The above includes all the tuition expense. There are no extras whatever. The Dissection Material, Chemicals, Instruction in the Histological, Pharmaceutic, and Chemical Laboratories and Dental Infirmary are all furnished to the students free of charge.

Each student must furnish his own books and dental instruments.

The student is required to make a payment upon registering, and twenty-five dollars must be paid before he may avail himself of Laboratory and Infirmary instruction.

The prices of board and all other personal expenses are as reasonable in Washington as in other large cities.

The Dean may be seen personally at 1023 Vermont avenue, on any week day, from 3.30 to 4.30 p. m., and also at the Dental School Building, 1325 H Street, N. W., on Monday, Wednesday, and Friday of each week, from October 1 to May 1, between the hours of 6.30 and 8 o'clock p. m.

For further information regarding the Dental School, application may be made to

J. HALL LEWIS, *Dean,*
1023 Vermont Avenue, Washington, D. C.

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STUDENTS OF DENTISTRY.

Freshmen.

Name	State	Address
Bartlett, E. L.	D. C.	818 F Street.
Beckner, U. A.	W. Va.	.....
Chatterton, E. U.	D. C.	.....
Cooksey, C. B.	Miss.	225 12th Street, S.W.
Cooper, A. B.	D. C.	2416 14th Street.
Delamater, H. B.*	Pa.	722 13th Street.
Findley, F. A.	Pa.	423 I Street.
Gompertz, J. M.	Conn	1001 M Street.
Gunnell, J. H.	D. C.	1765 Q Street.
Hagan, E. R.	Va.	1225 I Street, N. E.
Harris, C. H.	Md.	Rockville, Md.
Hutchinson, W. F.	Va.	.....
Johnson, A. T.	Md.	146 C Street, N. E.
Jones, B. C.	Va.	821 C Street.
Lankin, L. G.	Ind.	1104 12th Street.
Layton, R. E.	Eng	3122 Q Street.
Morgan, R. W.	Va.	307 East Capitol St.
Ness, C. J.	D. C.	.....
Pyle, D. F.	Idaho	608 12th Street.
Riggles, H. T.	D. C.	1322 Vermont Ave.
Rust, T. L.	Va.	Alexandria, Va.
Schwab, T. W.	N. J.	123 7th Street, N. E.
Shaw, H. B.	D. C.	484 Pa. Avenue.
Smith, J. E.	D. C.	.....
Stevens, H. P.	D. C.	909 E Street.
Willson, B. P.	Md.	Rockville, Md.

Juniors.

Name	State	Address
Birch, J. V.	D. C.	1911 F Street.
Brown, S. T.	Ill.	1405 R. I. Avenue.
Butz, E. M.	D. C.	1014 12th Street.

* Not in constant attendance.

Name	State.	Address.
Cox, G. W., Jr.....	D. C....	1316 W Street.
Grabbe, W. G.*.....	Utah....	9 4th Street, N. E.
De Forges, J. R.....	Va....	1731 13th Street.
Gardner, B. A.....	N. Y....	7 4th Street.
Graiser, S. O*.....	Mich....	1418 L Street.
Haselbarth, A. L.....	Pa.....	439 Warner Street.
Hasselbach, C. M.....	N. J....	813 G Street, N. E.
Hunneston, C. A.....	Conn....	620 I Street.
Lane, T. T.....	D. C....	326 3d Street.
McIntee, A. J.....	Mass....	1014 1 Street.
Miller, P. H.....	Va.....	905 C Street, N. E.
Putnam, C. A.....	Mass....	3608 13th Street.
Reiss, W. A.....	D. C....	703 A Street, N. E.
Richardson, R. G.....	Md....	Hyattsville, Md.
Rule, R. W.....	Iowa....	132 Md. Ave., S. W.
Smith, H. F.....	Mass....	921 11th Street.
Van Zandt, C. A.....	Ohio....	1300 Penna. Avenue.
Wesler, J. H.....	Conn....	323 1st Street, N. E.
White, G. H.....	D. C....	1105 E Street, S. W.
Yount, M.....	D. C....	1016 Mass. Avenue.

Seniors.

Name	State	Address
Bacon, A. P.....	Iowa....	1506 6th Street.
Barr, W. C.....	Ill....	Library of Congress.
Brenkle, P. E.....	Tenn....	450 P Street.
Calvin, E. M.....	Va....	2530 1 Street.
Creamer, Wm.....	Md....	151 Carroll St., S. E.
Cuthbertson, C. W.....	D. C....	622 E Street.
Fred, T. N.*.....	Va....	405 M Street.
Green, E. G.....	Mass....	
Grubbs, R. G.*.....	Va....	1460 Corcoran Street.
Hughes, C. A.....	Tenn....	403 M Street.
King, E. M.....	W. Va..	215 12th Street, S. E.
McClanahan, J. T.....	N. C....	
Perlie, H. E.....	Mass....	924 14th Street.

* Not in constant attendance.

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Name	State.	Address
Smith, E. E.	D. C.	331 F Street, N. E.
Van Voorhis, H. M.	Pa.	
Wallace, J. R.	Ohio	455 G Street.
Watts, W.	Md.	301 M Street.
Welch, F.	Del.	721 18th Street.
Whittaker, H. W.	Ohio	455 G Street.
Wolven, F. H.	N. J.	907 13th Street.
Yates, J. R.	D. C.	1300 Pa. Avenue.
Young, H.	N. S.	924 14th Street.
Total.		71

THE SUMMER SCHOOL.

NOTE.—*The Summer School has been discontinued.*

STUDENTS IN THE SUMMER SCHOOL, 1899.

Name.	State.	Address.
Adams, Arthur B.	Md.	Treasury Dept.
Alexander, J. P.	Tenn.	Treasury Dept.
Ancoa, John F.	D. C.	1742 F Street.
Ashford, Horace F.	D. C.	1763 P Street.
Ballinger, Phil. T.	Iowa	Colonial Hotel.
Bayly, Margaret	D. C.	1333 11th Street.
Behrend, Rudolph B.	D. C.	412 5th Street.
Berry, George M.	Md.	2017 H Street.
Boylor, Rudolph H.	D. C.	2016 13th Street.
Buckler, George	Md.	1832 9th Street.
Bulifant, Blanche	Va.	241 North Capitol St.
Clapton, Belle C.	Va.	Hampton, Va.
Cross, Elizabeth W.	D. C.	1908 F Street.
Donally, Harry Hampton	Minn.	511 B Street, N. E.
Drain, John F. L.	Md.	2036 O Street.
Ewing, Ivy H.	Ind.	158 F Street, S. E.
Faulkner, Wm. Thomas	Miss.	Treasury Dept.
Fenning, Karl H.	D. C.	513 4th Street.
Fields, S. Helen	Pa.	129 6th Street, S. E.
Fletcher, Frank Dexter	N. Y.	1324 Q Street.
Ford, Ella M.	Va.	47 R Street.
Ford, Samuel Carroll	D. C.	314 2d Street, S. E.
Fuller, Hubert Bruce	Conn.	1615 Florida Avenue.
Galliher, Charles H.	D. C.	107 5th Street, S. E.
Gates, Otis H.	Fla.	123 4th Street, S. E.
Goshert, Christie S.	Mo.	Fish Commission.
Hamilton, James R.	Texas	1327 Q Street.

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WASHINGTON, D. C.

1894-1900

Name.	State	Address.
Holt, Lester M.	Wis.	1017 Twelfth Street.
Hume, R. S.	Va.	St. Elmo, Va.
Jacobs, Emma Suter	D. C.	1543 9th Street.
Jerdone, Walter P.	D. C.	922 1 Street.
Knight, Evelyn	D. C.	1106 Md. Ave., S. W.
Lillie, Ray D.	Mich.	Indian Office.
Matson, J. W.	Md.	Hotel Vendome.
Morgan, John D.	Ohio	1338 Yale Street.
Olberg, Chas. R.	Minn.	322 Spruce Street.
Pack, Samuel Bernard	Pa.	Treasury Dep't.
Phifer, Mary A.	Ind.	158 F Street, S. E.
Raber, Katherine May	Ohio	1300 Lydecker Ave.
Rucker, N. Parks	Va.	214 E Street.
Sanders, Frances	D. C.	629 S Street.
Scott, Walter A.	Ill.	War Department.
Shea, James William	D. C.	The Bancroft.
Smith, Roger Green Gale	D. C.	314 A Street, N. E.
Stabler, Harold B.	Md.	1321 G Street.
Stetson, Frank O.	Mass.	Weather Bureau.
Taggart, G Russell	N. J.	583 Bates Street.
Thönssen, Pearl Edna	Texas	1523 Fifth Street.
Turner, A. Campbell	Mo.	2158 Florida Avenue.
Tyler, George T., Jr.	Va.	Falls Church, Va.
White, Marian	Iowa	330 T Street.
Williams, Hugh	Ohio	154 A Street, N. E.
Wooster, Walter M.	D. C.	1443 Q Street.
Yancey, Katherine Lulalia	Va.	1309 17th Street.
Total		54

DEGREES CONFERRED IN 1899.

HONORARY.

Doctor of Laws.

Name	Residence
Moore, John Bassett	New York A. B., Cornell University.

Doctor of Science.

Clarke, Frank Wigglesworth	Massachusetts B. S., 1867, Harvard University.
----------------------------------	---

Doctor of Humane Letters.

Bigelow, Frank Hagar.....	Massachusetts A. B., 1873; A. M., 1886, Harvard University. S. T. B., 1886, Episcopal Theological School, Cambridge.
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UPON EXAMINATION.

Master of Arts.

Name	Residence
Aneell, Benjamin Lucius	Virginia Washington and Lee University.
Fiske, Christabel Forsythe	District of Columbia Ph. B., Cornell University.
Jacobs, Frances Mabel.....	District of Columbia B. A., Columbian University.
Hilliker, Albert Mayell.....	Minnesota B. D., Stanley Divinity School.
Magruder, Caleb Clark, Jr.....	Maryland B. A., M. A., Loyola College LL. B., Georgetown University.

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WASHINGTON, D. C.

1894-1900

	Name	Residence.
McRae, Cameron Farquhar.....		Virginia
	Graduate Virginia Military Institute.	
Minnick, John Dufton		Indiana
	B. A., University of Indianapolis	
Tayler, Lila		District of Columbia
	B. S., Wellesley College	
Wallis, William James.....		District of Columbia
	B. A., Dartmouth College	
White, Jacob Morton.....		Virginia
	B. A., William and Mary College	

Master of Science.

Doyle, Aida Mary.....	Pennsylvania
	B. S., Columbian University.
Esterly, Burton Haines.....	Wisconsin
	B. S., University of Wisconsin.
Jones, Fred Cragin.....	District of Columbia
	B. S., Columbian University.
Lamson, Eleanor Annie.....	District of Columbia
	B. S., Columbian University.
Orth, Henry, Jr.....	District of Columbia
	M. E., Lehigh University.
Skinner, William.....	Maryland
	B. S., Maryland Agricultural College.
Storm, Christian George	Wisconsin
	B. S., Columbian University.
Upton, Clara Mary.....	District of Columbia
	B. A., Columbian University.
Vaill, Edward Warren, Jr.....	Massachusetts
	B. S., Worcester Polytechnic Institute.
Woodworth, George Keen.....	District of Columbia
	M. E., Cornell University.

Civil Engineer.

Fendall, Thomas Miller.....	Virginia
	B. S., Virginia Military Institute.
Lamson, William Mather	District of Columbia
	B. S., Columbian University.

Doctor of Medicine.

Name	Residence
Allen, John Howard.....	Tennessee
Baker, Osmyn.....	New Jersey
Blackburn, S. Alford.....	Kentucky
Butler, Arthur Reginald.....	Oregon
Cox, Percy Murtough.....	Maryland
Gibson, Frank Eugene.....	District of Columbia
Grubbs, Robert Bland.....	Virginia
Gunion, John Paul.....	District of Columbia
Hodes, Harry Ketcham.....	New York
Key, Sothonor.....	Maryland
Mason, Orville Johnson.....	New York
May, Henry Agett.....	New York
McIntee, Michael Joseph.....	Massachusetts
Perkins, Joseph.....	Illinois
Prentiss, D. Webster, Jr.....	District of Columbia
Reichelderfer, Luther Halsey.....	Ohio
Riley, Philander Chase.....	Maryland
Sellhausen, Harry A.....	District of Columbia
Sheridan, Charles J.....	New York
Sims, William Eaton.....	South Carolina
Smith, William Thomas.....	Georgia
Stromberger, Henry H.....	District of Columbia
Tappan, J. Clarence.....	District of Columbia
Tiefenthaler, Benjamin F.....	Ohio
Ward, William Kraft.....	District of Columbia
Williams, Wellon Chapman.....	District of Columbia
Worstell, Gaylord.....	Texas

Doctor of Dental Surgery.

Bennett, Arthur Reginald.....	Georgia
Cuevas, Enrique.....	Chile
Fisher, Williams Cummings.....	District of Columbia
Gates, Thomas J.....	Maryland
Hoofnagle, Walter Brice.....	Maryland
Kemball, William Marshall.....	Wisconsin
McChesney, John R.....	Maryland
Pool, Stephen D.....	Louisiana

WASHINGTON, D. C.

1894-1900

	Name.	Residence.
Pairo, William Edwin.....	Virginia	
Rice, Thomas M.....	Pennsylvania	
Rawson, William A.....	Michigan	
Terry, Harry Summers.....	Michigan	
Woodford, William G.....	District of Columbia	

Master of Laws.

Allen, Charles Kissam.....	North Dakota
LL. B., National University.	
LL. M., National University.	
Alward, L. Q. H.....	New Jersey
Auer, Harry Anton.....	District of Columbia
LL. B., Columbian University, 1895.	
Bingham, Gomndry W.....	Alabama
LL. B., Georgetown University, 1898.	
Brown, Harry J.....	New Hampshire
B. S., Dartmouth College, 1895.	
LL. B., Columbian University, 1897.	
Burnham, Royal E.....	District of Columbia
LL. B., Columbian University, 1895.	
Bynum, Dixon H.....	Indiana
LL. B., Columbian University, 1898.	
Carr, Wilbur J.....	New York
LL. B., Georgetown University, 1894.	
Chase, George Phillips.....	District of Columbia
B. S., University of Pennsylvania, 1895.	
LL. B., Columbian University, 1898.	
Chesley, Willoughby S.....	Maryland
LL. B., Columbian University, 1898.	
Clark, Charlton M.....	Mississippi
LL. B., National University.	
Colladay, Edward Francis.....	Kansas
LL. B., Columbian University, 1898.	
Crist, Wiley.....	Illinois
LL. B., Columbian University, 1898.	
Dean, Charles Ray.....	District of Columbia
Ph. B., Chicago University, 1877.	
LL. B., Columbian University, 1882.	
Denison, Edward Everett.....	Illinois
A. B., Yale University, 1890.	

	Name	Residence.
Disch, H. G.		Wisconsin
LL. B., Columbian University, 1898.		
Doyle, John Thomas		New York
LL. B., Columbian University, 1898.		
Du Mars, John E.		Illinois
Edwards, O. Ellery, Jr.		New York
B. S., Abbot's Poyntz Marine Institute, LL. B., Columbian University.		
Evans, Samuel H.		Virginia
LL. B., Columbian University, 1898.		
Gray, John P.		Idaho
LL. B., Columbian University, 1898.		
Gwynes, Charles Oscar		Mississippi
B. L., Mississippi College, 1898. LL. B., Columbian University, 1898.		
Haddock, W. Rush		Iowa
LL. B., State University of Iowa.		
Handy, Fred C.		Virginia
LL. B., Columbian University, 1898.		
Hardy, Robert S.		Mississippi
Harris, John T.		Missouri
LL. B., Columbian University, 1898.		
Hemmings, Frederick Leith		Illinois
LL. B., Columbian University, 1898.		
Holden, Walter A.		Connecticut
LL. B., Columbian University, 1898.		
Johannes, George		District of Columbia
LL. B., Columbian University, 1898.		
Johnson, Livingston S.		Virginia
LL. B., Columbian University, 1898.		
Jones, Richard Henry		Alabama
LL. B., Georgetown University, 1898.		
Kiggins, Frank M.		District of Columbia
A. B., Vanderbilt University. LL. B., Georgetown University J. M., Georgetown University.		
Le Harry Holbrook		Ohio
LL. B., Columbian University, 1898.		
Linkins, Charles		District of Columbia
LL. B., Columbian University, 1898.		

WASHINGTON, D. C.

1894-1900

Name.	Residence
Matthews, Charles Eugene.....	Oklahoma Territory
<i>LL. B., Columbian University, 1898.</i>	
Meritt, Edgar B.....	Arkansas
<i>LL. B., Georgetown University, 1898.</i>	
Miller, Claude E.....	Pennsylvania
<i>LL. B., Columbian University</i>	
Moulton, Alston B.....	Massachusetts
<i>B. S., Worcester Polytechnic Institute,</i>	
<i>LL. B., Columbian University, 1898.</i>	
Nelms, William H.....	Illinois
<i>LL. M., Georgetown University, 1898.</i>	
Oliver, Robert Taylor.....	District of Columbia
<i>LL. B., Columbian University, 1898.</i>	
Sellhausen, Armin A.....	District of Columbia
<i>LL. B., Columbian University, 1898.</i>	
Semmes, Alexander H.....	District of Columbia
<i>LL. B., National University.</i>	
Shreve, Charles S., Jr.....	District of Columbia
<i>LL. B., Columbian University, 1897.</i>	
Smith, Charles Magill.....	Virginia
<i>LL. B., National University, 1896.</i>	
<i>LL. M., National University, 1897.</i>	
Smith, Walter Scott.....	Alabama
<i>A. B., Linenville College, 1896.</i>	
<i>LL. B., Columbian University, 1898.</i>	
Stamper, William Stephen.....	Virginia
<i>LL. B., Columbian University, 1898.</i>	
Tait, Galen L.....	Nebraska
<i>LL. B., Columbian University, 1898.</i>	
Tindall, Philip.....	District of Columbia
<i>LL. B., Columbian University, 1898.</i>	
Tralles, Forest P.....	District of Columbia
<i>LL. B., Columbian University, 1898.</i>	
Varney, Walter U.....	Virginia
<i>LL. B., Columbian University, 1898.</i>	
Via, Lemuel R.....	Virginia
<i>LL. B., Georgetown University.</i>	
Watts, Reuben B.....	Alabama
<i>LL. B., Georgetown University.</i>	
Weaver, Harry O.....	Ohio
<i>LL. B., Columbian University, 1896.</i>	

Masters of Patent Law.

	Nature.	Residence.
Bartlett, John F.	Massachusetts	
J. L. M., National University, 1897.		
Beeker, William J.	Wisconsin	
M. E., Royal Polytechnic, Merseburg, 1891.		
B. L., Columbian University, 1898.		
Billman, Obed Calvin.	Ohio	
LL. B., Chicago Correspondence Law School, 1897.		
Buek, Arthur A.	Massachusetts	
S. B., Massachusetts Institute of Technology, 1896.		
B. L., Columbian University, 1897.		
Doyle, Bertram Martin.	Kentucky	
Ph. B., Riverside Seminary, 1892.		
LL. B., Columbian University, 1896.		
J. L. M., Columbian University, 1897.		
C. E., Cornell University.		
Duncan, Harry Lee.	New York	
LL. B., New York Law School.		
M. E., Columbian University.		
Eakle, Edward H.	District of Columbia	
LL. B., Columbian University.		
J. L. M., Columbian University.		
Ferguson, Thomas H.	Michigan	
Ph. B., University of Michigan, 1895.		
B. S., University of Michigan, 1896.		
LL. B., Detroit College of Law, 1897.		
Greist, Lewis T.	Indiana	
B. L., Columbian University, 1898.		
Harris, Charles Gantt.	District of Columbia	
B. S., Worcester Polytechnic Institute.		
B. L., Columbian University, 1898.		
Hatch, William M.	Vermont	
A. B., Dartmouth College.		
B. L., Columbian University.		
M. L., Columbian University.		
Johnson, A. Roland.	District of Columbia	
LL. B., Columbian University, 1895.		
LL. M., Columbian University, 1896.		
J. L. M., National University, 1897.		
Kinnan, Arthur F.	Michigan	
B. S., Michigan State College.		
LL. B., Columbian University, 1895.		

WASHINGTON, D. C.

1894-1900

Name	Residence
Lawson, William C.	District of Columbia
Moore, David Pelton.	District of Columbia
B. L., Columbian University, 1897. M. L., Columbian University, 1898	
Parker, Charles W.	Virginia
B. L., Columbian University, 1896. M. L., Columbian University, 1897	
Powell, Ralph C.	Ohio
A. B., Yale University, 1892 LL. B., National University, 1896 LL. M., National University, 1898	
Prentiss, Spencer B.	District of Columbia
B. S., Columbian University, 1893 B. L., Columbian University, 1897. M. L., Columbian University, 1898	
Ruckman, Webster S.	Michigan
B. S., University of Michigan, 1887 B. L., Columbian University, 1897. LL. M., National University, 1898	
Saul, John A.	District of Columbia
L.L. M., Georgetown University.	
Seibold, Arthur Bingham.	District of Columbia
LL. B., Columbian University, 1896. M. L., Columbian University, 1897	
Smith, Louis C.	Massachusetts
B. S., Worcester Polytechnic Institute. LL. B., National University. LL. M., National University.	

Bachelor of Laws.

Alward, L. Q. H.	New Jersey
Barris, George W.	New Hampshire
Brewer, A. Farley.	Massachusetts
A. B., Williams College, 1897	
Brockett, Bluford Wilson.	Maryland
Butts, Joseph Waddell.	New York
Chapman, Charles McC.	New York
Chick, John Merle.	Pennsylvania
Clark, Ralph A.	Iowa
Cooke, Harry Lee.	Tennessee
Cooksey, Paul.	Kentucky

Name	Residence
Coombs, Howard Addison	Illinois S. B., Worcester Polytechnic Institute
Cromwell, William Nevarie	District of Columbia
Crooks, James W.	Illinois
Davis, Ewin Lanier	Tennessee
Denison, Edward Everett	Illinois A. B., Yale University.
Du Mars, John E.	Illinois
Esterly, Frank C.	Minnesota
Everts, Frank A.	Indiana
Flint, Ralph Norton	New York M. E., Cornell University, 1894
Foster, Bertram Grey	New York
Foster, Daniel Shays	Pennsylvania M. D., Georgetown University, 1869
Freeman, Alvan H.	Georgia
Gardner, Henry Finch	New York
Gardiner, John Urquhart	Wisconsin
Glover, L. K. C.	Virginia
Graham, Byron Ulmer	District of Columbia
Green, Henry D., Jr.	Alabama
Gregory, Eugene M.	New Jersey A. B., Harvard University.
Grim, Thurlow W.	Indiana
Griswold, Stewart C.	Michigan
Groesbeck, Walter Davis	Michigan B. S., Michigan Agricultural College
Hall, William Fairfax	District of Columbia
Hallam, William Meade	Kentucky
Hardy, Robert Sidney	Mississippi
Harris, Herbert Frederick	Pennsylvania A. B., Bucknell University, 1896 A. M., Bucknell University, 1897
Harris, Josiah G.	Kentucky
Hartmann, Charles	Michigan
Hawksworth, Alfred Tennyson	New Hampshire
Heth, Robert Mason	Virginia
Hittle, James Monroe	Pennsylvania B. S., Fredonia Institute, 1897
Hufly, Laurence	Virginia

WASHINGTON, D. C.

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Name.	Residence.
Hume, F. Charles.....	Texas
B. L., University of Texas.	
Husted, Glenn E.....	Michigan
Jacobs, S. Howard.....	Virginia
Jamison, Paul B.....	Michigan
Jansen, Thomas Egbert.....	New York
Keener, William Morse.....	Maryland
Kline, Aubrey.....	Virginia
Laemmlen, Thomas T.....	Missouri
List, M. Creed.....	Washington
Mattingly, William P., Jr.....	District of Columbia
A. B., Princeton University, 1886.	
May, George T., Jr.....	District of Columbia
McClure, Charles, Jr.....	Minnesota
B. L., University of Minnesota, 1887.	
McClure, James B.....	Iowa
McMullen, Adam.....	Nebraska
A. B., University of Nebraska, 1886.	
McRoberts, Charles Gregory.....	District of Columbia
Milans, Joseph Hercus.....	District of Columbia
Milburn, Charles Coad.....	Washington
Morgan, T. Frank.....	Virginia
Murphy, Thomas James.....	North Carolina
Norris, William C.....	Maryland
Owen, Charles Wesley.....	Michigan
Parkes, George Preston.....	North Dakota
Parks, Charles W.....	District of Columbia
C. F., Rens. Polytechnic Institute.	
Parmelee, George H.....	District of Columbia
Paschal, Samuel Scoville.....	District of Columbia
Patterson, Alvah W.....	Oregon
Pierce, Harry Alleman.....	District of Columbia
Potts, Theron.....	New York
Rastell, Charles Wesley.....	New Jersey
Reader, Jabe C.....	Texas
Ridgway, Thomas Caldwell.....	Illinois
Rohrback, Howard Lemon.....	Pennsylvania
Smith, Charles Dorsey.....	Maryland
Smith, Edgar A.....	Iowa
Snell, Frank Hiram.....	District of Columbia
A. B., Yale University, 1882.	

Name	Degree.
Spaulding, John Cecil	Michigan
A. B., University of Michigan, 1897.	
Stallecup, James Alfred	Missouri
Thomas, Hillebert Ward	Michigan
Townsend, George Alfred, Jr.	Maryland
Towson, Richard M.	Virginia
Twinn, Clark James	New York
Tysowski, Joseph Gorham	District of Columbia
Vaill, Edward W., Jr.	
B. S., Worcester Polytechnic Institute.	
Vieht, Henry Albin	Wisconsin
Weimer, George V.	Michigan
Wells, Albert Coulter	Pennsylvania
Westcott, Charles D.	District of Columbia
Wheeler, Levi Woodbury	New Hampshire
White, William Frye	Maine
A. B., Bowdoin College, 1897.	

Bachelor of Arts.

Altshu, John Henry	District of Columbia
Bacon, Charles Baldwin	Massachusetts
Cockerille, Paul	District of Columbia
Draper, Lida	District of Columbia
Harlan, Rolvix	Maryland
Hobson, Alphonzo Augustus	Maryland
McKelden, Alice Madeleine	District of Columbia
Norris, Etheldreda Lord	New Jersey
Peelle, Stanton Canfield	District of Columbia
Smith, Ina Augusta	Vermont

Bachelor of Science.

In Architecture.

Brown, Archibald Webster	Maryland
--------------------------	----------

In Chemistry.

Blakelock, David Holmes	District of Columbia
Hillyer, William Eldridge	Florida
Lupton, Edward Janney Sidwell	West Virginia
Townsend, Clinton Paul	Louisiana

WASHINGTON, D. C.

1894-1900

In Civil Engineering.

Name	Residence
Boyle, Eldridge Roger	Maryland
Hayes, Roy Bagley.....	Wisconsin
Weller, Francis Repetti.....	District of Columbia

In Electrical Engineering.

Alexander, John Phipps.....	Tennessee
Marean, Guy Bennett.....	District of Columbia
Portner, Robert F.....	District of Columbia

In Geology and Mineralogy.

Twitchell, Mayville William.....	New York
----------------------------------	----------

In General Science.

Armstrong, John Elmer.....	New York
Beeler, George Lowman.....	Illinois
Buxton, Bronson Chapin.....	Virginia
Cutter, Edwin Kendall.....	District of Columbia
Eldridge, Maurice Owen.....	Tennessee
Hood, Charles Emerson.....	District of Columbia
Hopkins, Nevil Monroe.....	District of Columbia
Manning, William Saunders.....	District of Columbia
Mason, Selma Marstella.....	Virginia
Newlands, Frances Clara.....	Nevada
Ray, Preston Blair.....	Maryland
Raybold, George Irving.....	District of Columbia
Todd, George Carroll.....	Virginia
Underwood, Lineas Dott.....	Ohio
Yancey, Katherine Lulalia.....	Virginia

In Language and Literature.

Hiatt, James Edgar.....	Indiana
-------------------------	---------

In Mechanical Engineering.

Marean, Ralph Brewster.....	Pennsylvania
Meigs, Orton Love.....	District of Columbia
Skinner, Frank Eugene.....	Maryland

GENERAL SUMMARY.

OFFICERS OF GOVERNMENT AND INSTRUCTION.

Trustees	18
Professors	79
Associate Professors	3
Assistant Professors	8
Lecturers	6
Instructors	14
Assistants	8
Demonstrators	30
Other Officers	5
	— 171

STUDENTS.

Columbian College	91
Corcoran Scientific School	252
School of Graduate Studies	99
Law School	254
School of Comparative Jurisprudence and Diplomacy	113
Medical School	213
Dental School	71
Summer School of 1899	54
	— 1,147
Total	— 1,318

DEGREES CONFERRED IN 1899.

Honorary	3
Upon examination	268
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WASHINGTON, D. C.

1894-1900

GEOGRAPHICAL DISTRIBUTION OF UNIVERSITY STUDENTS.

Alabama.....	11	Massachusetts..	29	South Carolina	11
Arkansas.....	4	Michigan.....	32	South Dakota.	1
California.....	5	Minnesota.....	19	Tennessee.....	24
Colorado.....	5	Mississippi.....	13	Texas.....	17
Connecticut.....	14	Missouri.....	20	Utah.....	4
Delaware.....	4	Montana.....	3	Vermont.....	5
Dist. of Col.....	331	Nebraska.....	6	Virginia.....	108
Florida.....	5	Nevada.....	2	Washington.....	1
Georgia.....	15	New Hampshire	9	West Virginia.....	12
Idaho.....	6	New Jersey.....	13	Wisconsin.....	17
Illinois.....	40	New York.....	60	Wyoming.....	4
Indiana.....	16	North Carolina	24	England.....	3
Iowa.....	24	North Dakota.....	4	Hungary.....	1
Kansas.....	11	Ohio.....	36	Japan.....	3
Kentucky.....	10	Oklahoma.....	1	Nova Scotia.....	3
Louisiana.....	9	Oregon.....	1	Russia.....	1
Maine.....	13	Pennsylvania.....	60		
Maryland.....	74	Rhode Island.....	3	Total.....	1,147

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horizontal.....	294, 295	Deaf, deafness, deafety.....	2
Anatomopology.....	28, 309	Deaf, deafness, deafety.....	2
Archaeology, classical.....	75, 111	Deaf, deafness, deafety.....	2
Archaeology, modern.....	78, 79, 110	Deaf, deafness, deafety.....	2
Astrology.....	16, 61, 111	Deaf, deafness, deafety.....	2
Astronomy.....	112	Deaf, deafness, deafety.....	2
Botany, physiology.....	210, 210	Deaf, deafness, deafety.....	2
Botany, histology.....	7, 121	Deaf, deafness, deafety.....	2
Botany, physiology.....	6, 61, 113	Deaf, deafness, deafety.....	2
Botany, histology.....	78, 111	Deaf, deafness, deafety.....	2
Botany, histology.....	111	Deaf, deafness, deafety.....	2
Botany, physiology.....	23, 25, 222, 239	Deaf, deafness, deafety.....	2
Botany, histology.....	19, 62, 114	Deaf, deafness, deafety.....	2
Ceramics.....	35	Deaf, deafness, deafety.....	2
Chemistry.....	7, 11, 61, 114	Deaf, deafness, deafety.....	2
mineralogy.....	114	Deaf, deafness, deafety.....	2
Dental.....	225	Deaf, deafness, deafety.....	2
Medicinal.....	226	Deaf, deafness, deafety.....	2
Physiology, general.....	11, 233	Deaf, deafness, deafety.....	2
Engineering.....	13, 66, 110	Deaf, deafness, deafety.....	2
mechanical.....	211, 212, 218, 222	Deaf, deafness, deafety.....	2
Geological College.....	1	Deaf, deafness, deafety.....	2
admission.....	19, 28	Histology.....	11, 25, 75, 120
courses of instruction.....	3, 27	Anatomy.....	12, 75, 120
examinations.....	29, 28	Biology.....	7, 121
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Complaints.....	31	Hydrocephalus.....	201
Correspondence.....	30	Hydrocephalus.....	201
Corporation Scientific School.....	37	Hydrocephalus.....	201
admission.....	42	Hydrocephalus.....	201
courses of instruction.....	42	Hydrocephalus.....	201
examinations.....	32	Hydrocephalus.....	201
Faculty.....	37	Hydrocephalus.....	201
fees.....	95	Hydrocephalus.....	201
general course.....	43	Hydrocephalus.....	201
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WASHINGTON, D. C.

1894-1900

A RECORD
OF THE
CIVIL, ELECTRICAL, AND MECHANICAL
ENGINEERS
OF THE
MASTERS OF SCIENCE AND ARTS
AND OF THE
DOCTORS OF PHILOSOPHY
OF
THE COLUMBIAN UNIVERSITY
WHO HAVE RECEIVED THEIR DEGREES AFTER EXAMINATION
AND ON THE PRESENTATION OF THESES
IN
THE SCHOOL OF GRADUATE STUDIES

WASHINGTON, D. C.
1894-1900

RECORD OF THE SCHOOL OF GRADUATE STUDIES.

CIVIL ENGINEER.

1898.

William Stone Hutton,

B. S., 1896, Virginia Military Institute.

Thesis: Connecticut Avenue Viaduct over Rock Creek. (Not pub.)

1899.

Thomas Miller Fendall,

B. S., 1897, Virginia Military Institute.

Thesis: Design of a Combined Sewerage System for West Troy, New York. (Not published.)

William Mather Lamson,

B. S., 1897, Columbian University.

Thesis: Design for a Memorial Bridge across the Potomac River. (Not published.)

1900.

Eldridge Roger Boyle,

B. S., 1899, Columbian University.

Thesis: Design for a Steel Water Tower. (Not published.)

Captain Roy Bagley Hayes,

B. S., 1899, Columbian University.

Thesis: Design for a Stone-arch Bridge over Rock Creek on line of Massachusetts Avenue extended. (Not published.)

Francis Repetti Weller,

B. S., 1899, Columbian University.

Thesis: Project for the Collection and Disposal of the Sewage of the District of Columbia. (Not published.)

ELECTRICAL ENGINEER.

1898.

Fred Ferguson Reisner,

B. S., 1897, Columbian University.

Thesis: Concerning the Unipolar Dynamo. (Not published.)

1900.

Faust Frank Crampton,

B. S., 1898, University of Michigan.

Thesis: Three-phase Transmission of Di-phase Currents. (Not published.)

MECHANICAL ENGINEER.

1900.

Lieut. Theodore Cornell Fenton, U. S. N.,

Graduate, 1885, U. S. Naval Academy.

I.L. B., 1892; LL. M., 1893, Columbian University.

Thesis: Turret and Mount for 13-inch Guns. (Not published.)

Ralph Brewster Marean,

B. S., 1890, Columbian University.

Thesis: Preliminary Test for Determining the Advisability of
Installing Separate Motors in the Press-room, United States
Weather Bureau. (Not published.)

MASTER OF SCIENCE.

1894.

Jessie Claire McDonald, (Philosophy of History)

B. S., 1888, Wellesley College.

Thesis: The Ethics of Aristotle. (Not published.)

Herbert Louis Rice, (Quaternions)

B. S., 1893, Columbian University.

Thesis: Solution of Linear and Vector Functions. (Not pub.)

Oscar John Schneider, (Chemistry)

B. S., 1893, Columbian University.

Thesis: The Estimation of Manganese. (Not published.)

1895.

George Estes Barton, (Chemistry)

B. S., 1891, Worcester Polytechnic Institute.

Thesis: A Study of Glycerol. (J. Am. Chem. Soc., vol. xvii, pp.
277-280, 883-890, 1895.)

Fredrich Ludwig Johannes Boettcher, (Chemistry)

B. S., 1894, Columbian University.

Thesis: Analysis of *Salsola kali tragus* (L.) Moq. (Not pub.)

William Asbury Case, (Chemistry)

B. S., 1894, St. John's College.

Thesis: The Properties and Analysis of Nitroglycerine. (Not pub.)

THE SCHOOL OF GRADUATE STUDIES

5

George Vose Chandler, (Electricity)

B. S., 1893, Columbian University.

Thesis: Design for a Dynamo for Lighting the Columbian University Building. (Not published.)

Louise Connolly, (Mineralogy)

B. S., 1888, Columbian University.

Thesis: The Minerals of Washington and the Vicinity. (Not published.)

Elmer Selah Farwell, (Advanced Calculus)

C. E., 1891, Rensselaer Polytechnic Institute.

Thesis: Conformal Representation of One Surface upon Another. (Not published.)

Revere Randolph Hurley, (Zoology)

M. D., 1884, Columbian University.

Thesis: Myxosporidia or Psorosperms of Fishes and the Epidemics Produced by Them. (Report of U. S. Commission of Fish and Fisheries for 1895, pp. 65-304, 47 plts.)

Horace Mann, (Economics)

B. S., 1893, Columbian University.

Thesis: The Measure of Value. (Not published.)

George Baden Pfeiffer, (Chemistry)

B. S., 1886, Virginia Agricultural and Mechanical College.

Thesis: A Study of the Picrates. (Not published.)

Cabell Whitehead, (Chemistry)

B. M., 1885, Lehigh University.

Thesis: Separation of Tellurium from Copper Residues, with Notes on some new Reactions. (J. Am. Chem. Soc., vol. xvii, pp. 849-855, 1895.)

1896.

Edna Anne Clarke, (Comparative Politics)

B. S., 1893, Columbian University.

Thesis: An Outline Sketch of the British Constitution. (Not pub.)

Allan Davis, (Political Philosophy)

B. S., 1890, Columbian University.

Thesis: The Communistic Society of Zoar. (Not published.)

Bolivar Lang Falconer, (Comparative Neurology)

M. D., 1895, Georgetown University.

Thesis: The Epiphysis and Parietal Eyes. (Not published.)

- Agnes Montgomery Graham,** (Political Economy)
 B. S., 1895, Columbian University.
Thesis: A Study of Free and Restrictive Banking. (Not pub.)
- William Theodore Gray,** (Meteorology)
 1883, U. S. Naval Academy.
Thesis: Chronology and Distribution of Icebergs in the Southern and Antarctic Oceans. (Proc. U. S. Naval Institute, vol. xxii, pp. 743-755, 1890.)
- Daisy Maud Orleman,** (Zoology)
 M. D., 1890; B. S., 1893, Columbian University.
Thesis: Development and Homologies of Vertebræ and Ribs. (Not published.)
- Clarence Le Roy Parker,** (Chemistry)
 B. S., 1895, Columbian University.
Thesis: Argon; its Discovery and its Properties, with a Bibliography. (J. Am. Chem. Soc., vol. xix, pp. 124-138, 1897.)
- David Henry Sleem,** (Physics)
 B. A., 1879; M. D., 1887, Beyrouth College.
 M. D., 1889, New York University.
Thesis: Construction of an Electric Railroad. (Not published.)

1897.

- Joseph William Fell,** (Chemistry)
 B. S., 1889, Trinity College.
Thesis: A Systematic Classification of the Artificial Organic Coloring Matters. (Not published.)
- Anne Lewis Pierce,** (Political Philosophy)
 B. S., 1893, Columbian University.
Thesis: The Industrial Revolution of the Eighteenth Century in England. (Not published.)
- Frank Darius Simons,** (Chemistry)
 B. A., 1895, University of Indiana.
Thesis: The Action of Certain Bodies on the Digestive Ferments. (J. Am. Chem. Soc., vol. xix, pp. 744-754, 1897.)
- Thomas Alfred Witherspoon,** (Chemistry)
 1885, U. S. Naval Academy.
Thesis: The Phenomena Attending the Practice of the Art of Electrolysis. (Not published.)

1898.

William Frederic Biehl, (Political Philosophy)

B. S., 1897, Columbian University.

Thesis: Trade Relations between the United States and Other Pan-American States. (Not published.)

Stephen Cookman Miller, (Mineralogy)

M. D., 1884, Columbian University.

Phar. D., 1888, Howard University.

Thesis: Methods in Determinative Mineralogy. (Not published.)

Edward George Portner, (Chemistry)

B. S., 1897, Columbian University.

Thesis: Action of Normal Propyl Alcohol on Phosphonium Iodide. (Not published.)

Louise Tayler, (Zoology)

B. A., 1896, Wellesley College.

Thesis: Historical Review and Anatomical Features of *Sclerostoma pinguicula* Verrill. (Not published.)

Fletcher Pearre Veitch, (Chemistry)

B. S., 1891, Maryland Agricultural College.

Thesis: Estimation of Alumina and Ferric Oxid in Natural Phosphates. (Not published.)

1899.

Aida Mary Doyle, (Chemistry)

B. S., 1898, Columbian University.

Thesis: A New Organic Acid Containing Phosphorus. (Not pub.)

Burton Haines Esterly, (Brain Anatomy)

B. S., 1898, University of Wisconsin.

Thesis: An Outline Study of the Comparative Anatomy of the Vertebrate Brain. (Not published.)

Fred Cragin Jones, (Chemistry)

B. S., 1898, Columbian University.

Thesis: A Study of the Nitration of Cellulose. (Not published.)

Eleanor Annie Lamson, (Astronomy)

B. S., 1897, Columbian University.

Thesis: Heliocentric and Geocentric Positions of Mercury, Mars, Venus, Jupiter, Saturn, and Neptune for January 30, May 13, August 25, and December 7, 1904. (Not published.)

- Henry Orth, Jr.** (Physics)
*M. E., 1893, Lehigh University.
 Thesis: History of the Development of the Incandescent Filament.
 (Not published.)*
- William Skinner,** (Agricultural Chemistry)
*B. S., 1895, Maryland Agricultural College.
 Thesis: The Ash of Plants. (Not published.)*
- Christian George Storm,** (Chemistry)
*B. S., 1898, Columbian University.
 Thesis: The Specific Gravities of Mixtures of Nitric and Sulphuric
 Acids. (Not published.)*
- Clara Mary Upton,** (Astronomy)
*B. A., 1897, Columbian University.
 Thesis: Latitude and Longitude of the Moon for 1905. (Not pub.)*
- Edward Warren Vaill, Jr.** (Mathematical Physics)
*B. S., 1893, 1894, Worcester Polytechnic Institute.
 Thesis: The Logic of Mathematics. (Not published.)*
- George Keen Woodworth,** (Physics)
*M. E., 1896, Cornell University.
 Thesis: The Design, Construction, and Test of a Polyphase Generator. (Not published.)*
- 1900.
- George Wetmore Colles,** (Electricity)
*A. B., 1892, Yale College.
 M. E., 1894, Stevens Institute.
 Thesis: The History, Theory, and Characteristics of Rotary Trans-
 formers. (Not published.)*
- William Eldridge Hillyer,** (Chemistry)
*B. S., 1899, Columbian University.
 Thesis: Investigation of the Methods for the Estimation of Man-
 ganese. (Not published.)*
- Nevil Monroe Hopkins,** (Chemistry)
*B. S., 1899, Columbian University.
 Thesis: Experimental Study of the Electrolysis of Oxalic Acid
 and Sodium Acetate by Means of Specially Prepared Apparatus.
 (Not published.)*
- Herbert Harvey Kimball,** (Meteorology)
*B. S., 1884, New Hampshire College of Agriculture and the Me-
 chanic Arts.
 Thesis: The General Circulation of the Air. (Not published.)*

THE SCHOOL OF GRADUATE STUDIES

9

- Marcus Ward Lyon, Jr., (Zoology)
Ph. B., 1897, Brown University.
Thesis: A Comparison of the Osteology of the So-called Family Dipodidae, especially Zapus and Dipus. (Not published.)
- Thomas Malcolm Price, (Chemistry)
B. S., 1899, Maryland Agricultural College.
Thesis: Examination of Methods Employed for the Determination of Nitrogen in Organic Substances. (Not published.)
- Mayville William Twitchell, (Mineralogy)
B. S., 1899, Columbian University.
Thesis: Goniometry. (Not published.)

MASTER OF ARTS.

1894.

- Edmund Clark Hudson, (Advanced English)
B. A., 1882, Hiawassee College.
Thesis: Origin and Growth of the English Drama. (Not pub.)
- Edward Hilton Jackson, (International Law)
B. A., 1891; LL. B., 1892; LL. M., 1893, Columbian University.
Thesis: The Assumed Right of Asylum. (Not published.)
- John Scott Johnson, (Political Philosophy)
B. S., 1893, Columbian University.
Thesis: Jean Jacques Rousseau. (Not published.)
- William Hamilton, (Advanced English)
B. A., 1891, Moravian College, Bethlehem.
Thesis: The Earliest English Epic. (Not published.)
- Anna Madeleine Letterman, (Advanced English)
1892, Normal College, City of New York.
Thesis: The Celtic Elements in English Literature. (Not pub.)
- Frank Bowers Littell, (Theoretical Astronomy)
Ph. B., 1891, Wesleyan, Middletown, Connecticut.
Thesis: The Constant of Aberration, with a Determination of its Value. (Not published.)
- Henry Rogers Pyne, (Greek)
B. A., 1893, Columbian University.
Thesis: Thucydides as a Historian. (Not published.)
- Frances Estelle Throckmorton, (Latin)
B. A., 1893, Columbian University.
Thesis: Marci Tulli Ciceronis Vita, Operaque. (Not published.)

1895.

Jonas Emil Blomén, (Continental History)

Ph. D., 1884, University of Upsala.

Thesis: Life of Gustavus Adolphus. (Not published.)

Joseph Herbert Ford, (Ethics)

B. S., 1893, Columbian University.

Thesis: The Ethics of Aristotle. (Not published.)

Edmund Payne Halley, Jr., (English)

B. A., 1891, Kentucky University.

Thesis: Shakespeare, the Youth. (Not published.)

Mary McPherson, (Economics)

B. A., 1893, Wellesley College.

Theses: 1. The Modern Greeks in America.

2. Some Social and Hygienic Institutions of the City of Brunswick, Germany. (Not published.)

Rev. Edwin Barnes Niver, (Ethics)

B. D., 1892, Episcopal Theological School, Cambridge.

B. A., 1893, Brown University.

Thesis: The Ethics of Aristotle. (Not published.)

Marathon Montrose Ramsey, (Philology)

B. S., 1894, Columbian University.

Thesis: Word-making in the Romance Languages. (Not pub.)

Hon. John Merriam Reynolds, (Ethics.)

B. E., 1867; M. E., 1869, Pennsylvania State Normal School.

Thesis: The Ethics of Aristotle. (Not published.)

1896.

Ewing Cockrell, (Political Philosophy.)

B. L., 1893, University of Virginia.

B. A., 1895, Harvard University.

Thesis: The Law of Prices. (Not published.)

Samuel Carroll Ford, (Political Philosophy.)

B. A., 1894, Columbian University.

Thesis: Bills of Exchange. (Not published.)

George Neely Henning, (French)

B. A., 1894, Harvard University.

Thesis: Molière; Man and Author. (Not published.)

Addie Estelle Maguire, (French History)

B. S., 1895, Columbian University.

Thesis: The Sources of Civilization in France in the Seventeenth Century. (Not published.)

THE SCHOOL OF GRADUATE STUDIES

II

1897.

Mary Katharine Chapin, (Political Philosophy)

B. A., 1896, Columbian University.

Thesis: The Dialogus de Scaccario. (Not published.)

Harry Hampton Donnally, (Political Philosophy)

B. S., 1896, Columbian University.

Thesis: The Development of the British Constitution. (Not pub.)

Nancy Jacobs McKnight, (Mathematics)

B. A., 1887, Wellesley College.

Thesis: Some Proofs that every Numerical Equation has a Root.
(Not published.)

George Washington Peterson, (Latin)

B. A., 1893, University of Minnesota.

Thesis: The Roman Law in its Relation to the Law of England.
(Not published.)

Rev. George Edmund Traver Stevenson, (Political Philosophy)

B. A., 1897, Columbian University.

Thesis: The Development of the House of Commons to the Time
of the Commonwealth. (Not published.)

Rev. Hugh Thomas Stevenson, (Sociology)

B. A., 1896, Columbian University.

Thesis: The Socialism of Jesus. (Not published.)

1898.

Lounes Earle Bridgeman, (American History)

B. A., 1896, Denison University.

Thesis: Study of the Causes of the Mexican War. (Not published.)

Ernestine Fireman, (Chemistry)

1891-1892, University of Zurich.

Thesis: Action of Propyl Ether on Phosphonium Iodide. (Not
published.)

Professor Percival Hall, (Mathematics)

B. A., 1892, Harvard University.

Thesis: The General Solution of the Cubic. (Not published.)

John Walker Holcombe, (English History)

B. A., 1875, Harvard University.

Thesis: The English in Egypt. (Not published.)

Charles Sumner Hyde, (German)

Ph. B., 1889, University of Michigan.

Thesis: Mary Stuart in History and in the Tragedy of Schiller.
(Not published.)

- Charles Moore,** (American History)
 B. A., 1878, Harvard University.
Thesis: Discoveries along the Great Lakes. (Not published.)
- Lillian Pace,** (Mathematics)
 B. S., 1897, Columbian University.
Thesis: Development of the Theory of Singular Solutions of Differential Equations. (Not published.)
- Roy Bennett Pace,** (English)
 B. A., 1897, Richmond College.
Thesis: A Variorum Edition of Milton's L'Allegro and Il Penseroso. (Not published.)
- George Albert Ross,** (Mathematics)
 B. A., 1893, William Jewell College.
Thesis: Breaking Down the Old Boundaries of Mathematics. (Not published.)
- John Howard Thigpen,** (Chemistry)
 B. A., 1892; M. A., 1895, Keachie College.
Thesis: Study of the Aldehydes. (Not published.)
- Rev. Henry Edward Tralle,** (Biblical Literature)
 B. A., 1894, William Jewell College.
Thesis: An Exposition of the Principal "Servant of Jehovah" Passages in Isaiah. (Not published.)
- Rev. William George Ware.** (Ethics)
 B. A., 1898, Columbian University.
Thesis: The Ethics of Aristotle. (Not published.)
- John Armistead Welbourn,** (Philosophy)
 B. A., 1896, Johns Hopkins University.
Thesis: Hegel's Philosophy of History. (Not published.)

1899.

- Benjamin Lucius Ancell,** (Ancient and Church History)
 Washington and Lee University.
Thesis: The Doctrine of the Parousia in the Early Church and its Influence. (Not published.)
- Christabel Forsythe Fiske,** (English)
 Ph. B., 1898, Cornell University.
Thesis: A By-path in English Literature; The Tales of Terror. (Conservative Review, vol. iii, pp. 37-74, 1900.)
- Rev. Albert Mayer Hilliker,** (Philosophy)
 B. D., 1890, Seabury Divinity School.
Thesis: The Origin, End, and Function of the State. (Not pub.)

Frances Mabel Jacobs, (Romance Languages)

B. A., 1898, Columbian University.

Thesis: The Romantic Element in French Literature. (Not pub.)

Caleb Clark Magruder, Jr., (English)

B. A., 1889; M. A., 1898, Loyola College.

I.L. B., 1897, Georgetown.

Thesis: Tennyson's "In Memoriam." (Not published.)

Cameron Farquhar McRae, (Ancient and Church History)

Graduate, 1893, Virginia Military Institute.

Thesis: The Study of the Jerusalem Church from A. D. 30 to A. D. 70. (Not published.)

John Dufton Minnick, (American History)

B. A., 1893, University of Indianapolis.

Thesis: Reconstruction in the Southern States After the Civil War. (Not published.)

Lila Tayler, (Mathematics)

B. S., 1893, Wellesley College.

Thesis: Tangential Polar Equations. (Not published.)

William James Wallis, (Mathematics)

B. A., 1894, Dartmouth College.

Thesis: On the Method of Interpreting Imaginaries in Algebra. (Not published.)

Jacob Morton White, (Biblical Literature)

B. A., 1897, William and Mary College.

Thesis: The Eighth Chapter of Romans as a Conception of Christian Life. (Not published.)

1900.

Elise Bradford, (Latin)

B. A., 1898, Columbian University.

Thesis: The Personæ of Horace. (Not published.)

Lida Draper, (Latin)

B. A., 1899, Columbian University.

Thesis: Horace and His Friends. (Not published.)

William Thomas Faulkner, (Spanish)

B. S., 1898, Columbian University.

Thesis: Modern Spanish Survivals of the Latin Present Participle and Gerundial Construction. (Not published.)

- Rev. Edward Darlington Johnson, (Biblical Literature)
B. A., 1892, Maryland Agricultural College.
Graduate, 1898, General Theological Seminary.
Thesis: The Presbyter in the Apostolic Age. (Not published.)
- Horace Leonard Jones, (Economics)
A. B., 1899, Carson and Newman College.
Thesis: Ethopoia in the Speeches of Lysias. (Not published.)
- Ernest Pendleton Magruder, (English)
B. A., 1895, Johns Hopkins University.
Thesis: A Critical Estimate of the Poetry of Tennyson. (Not pub.)
- President Clarence Julian Owens, (English)
B. A., 1893, Carolina College.
Thesis: South Carolina Literature. (In press.)
- Perry Spencer Pearson, (Philosophy)
A. B., 1898, Mercer University.
Thesis: Mysticism—the Mystical Conception of Reality. (Not published.)
- Charles Francis Phelps Richardson, (Continental History)
A. B., 1896, Harvard University.
Thesis: The British Occupation of Egypt. (Not published.)
- Grace Coburn Smith, (German Literature)
A. B., 1893, Colby University.
Thesis: The Sources of the Story of William Tell. (Not published.)
- Albert Rhett Stuart, (English)
B. A., 1898, Columbian University.
Thesis: A Study of the English Kings Portrayed by Shakespeare. (Not published.)
- Rev. Albert Norman Ward, (English)
A. B., 1895, Western Maryland College.
Thesis: "In Memoriam." (Not published.)
- Hugh Williams, (Romance Languages)
B. A., 1896, Western Reserve University.
Thesis: French Burlesque Literature of the Seventeenth Century. (Not published.)

DOCTORS OF PHILOSOPHY.

1894.

Edward Farquhar,

(Greek)

Thesis: Elements of Unity in the Homeric Poems. (Conservative Review, vol. iii, June-September, 1900.)**Walter Scott Harshman,**

(Theoretical Astronomy)

M. S., 1892, Columbian University.

Thesis: Investigation of the Motion of the Pericentre of Deimos. (Astronomical Journal, Boston, vol. xiv, pp. 145-148, 1894.)**Professor Frank Hall Knowlton,**

(Botany)

B. S., 1884; M. S., 1887, Middlebury.

Thesis: The Flora of the Laramie Group and Allied Formations. (Not published.)**Claude Augustus Oscar Rosell,**

(Chemistry)

M. A., 1881, University of Pennsylvania.

LL. B., 1886, Georgetown University.

Thesis: Investigation of the Properties of Ferric Acid. (J. Am. Chem. Soc., vol. xvii, pp. 760-769, 1895.)

1895.

George Wesley Hamner,

(History)

B. A., 1882; M. A., 1885, Hiawassee College.

LL. B., 1885, University of Alabama.

LL. M., 1886, Georgetown University.

Thesis: Researches upon the Government of the Creek Indians. (Not published.)

1896.

Edward Clarke Hudson,

(Greek)

B. A., 1884; M. A., 1894, Hiawassee College.

M. A., 1894, Columbian University.

Thesis: Investigation into the Use of the Genitive Case in Greek. (Not published.)**Rev. James Stephen Lemon,**

(Psycho-physics)

B. A., 1864; M. A., 1867, Wesleyan University, Middletown, Conn.

Thesis: The Skin Considered as an Organ of Sensation. (Published separately, 1898, 70 pp.)

1897.

Professor Charles Arthur Hollick, (Palæobotany)

Ph. D., 1879, Columbia College.

Thesis: Palæobotany of the Yellow Gravel at Bridgeton, N. J.
(Not published.)

John Scott Johnson, (Philosophy)

B. S., 1893; M. A., 1894, Columbian University.

Thesis: The Influence of French Thought on the Formation of
the Constitution of the United States. (Not published.)

Timothy William Stanton, (Palæontology)

B. S., 1883; M. S., 1895, University of Colorado.

Thesis: A Comparative Study of the Lower Cretaceous Formations
and Faunas of the United States. (Jour. of Geology, pp. 1-49,
September-October, 1897.)

1898.

Cabell Whitehead, (Chemistry)

B. M., 1885, Lehigh University.

M. S., 1895, Columbian University.

Thesis: A Study of the Tellurides; Their Formation and Chemical
Properties. (Not published.)

1900.

Eugene Byrnes, (Physical Chemistry)

B. A., 1884, Michigan University.

L.L. B., 1887; L.L. M., 1888, Columbian University.

Thesis: Experiments on the Direct Conversion of the Energy of
Carbon into Electrical Energy. (Not published.)

Rev. Benjamin Alfred Dunn, (Philosophy)

B. A., 1886; M. A., 1889, Western Maryland College.

Thesis: The Concept of Self in the Analysis of Experience. (Not
published.)

Professor Charles Russell Ely, (Chemistry)

A. B., 1891; A. M., 1897, Yale College.

Thesis: Investigation of the Phenomenon of Deliquescence and the
Capacity of Salts to Attract Water Vapor. (Not published.)

Ernestine Fireman, (Chemistry)

M. S., 1898, Columbian University.

Thesis: The Action of Phosphonium Iodide on Tetra and Penta
Chlorides. (Not published.)

THE SCHOOL OF GRADUATE STUDIES

17

Charles Moore,

(American History)

A. B., 1878, Harvard.

M. A., 1898, Columbian University.

Thesis: The Northwest under Three Flags. (Published separately by Harper & Bros., New York, 1900, 402 pp.)

STUDENTS IN THE SCHOOL OF GRADUATE STUDIES,

1893-1900.

Year.	In attendance.							Total.
		For the Degree of Civil Engineer.	For the Degree of Electrical Engineer.	For the Degree of Mechanical Engineer.	For the Degree of Master of Science.	For the Degree of Master of Arts.	For the Degree of Doctor of Philosophy.	
1893.	7							24
1894.			3		16	8	11	38
1895.	4	2			9	7	18	40
1896.					10	9	17	36
1897.	6	2	1		13	27	19	68
1898.	6	3	1	1	15	19	25	70
1899.	8	3	3	3	19	28	35	99
Total.	25	8	10	4	89	106	133	375

FACULTY OF SCHOOL OF GRADUATE STUDIES,
1893-1900.

	<i>Presidents.</i>	
Appointed.		Vacated.
1893	James C. Welling, LL. D.	1894
1894	The Rev. Samuel H. Greene, D. D., LL. D.	1895
1895	The Rev. Benaiah L. Whitman, D. D., LL. D.	1900
	<i>President pro tempore.</i>	
1900	The Rev. Samuel H. Greene, D. D., LL. D.	—
	<i>Dean.</i>	
1893	Charles E. Munroe, Ph. D.	—
	<i>Secretaries.</i>	
1894	Lee Davis Lodge, Ph. D.	1899
1899	Edward B. Pollard, Ph. D.	—
	<i>Professor of Anatomy.</i>	
1893	D. Kerfoot Shute, A. B., M. D.	1899
	<i>Professors of Architecture.</i>	
1894	Charles E. Barry.	1895
1895	Joseph C. Hornblower.	—
	<i>Professor of Fine Arts as Applied to Architecture.</i>	
1894	Louis Amateis.	—
	<i>Professors of Astronomy.</i>	
1893	Edgar Frisby, A. M., U. S. N.	—
1893	William C. Winlock, A. B.	1896
1898	Herbert Louis Rice, M. S.	—
	<i>Professor of Biblical Literature and Semitic Languages.</i>	
1897	Edward B. Pollard, Ph. D.	—
	<i>Professor of Bibliography and Bibliology.</i>	
1894	H. Carrington Bolton, Ph. D.	1898
	<i>Professor of Botany.</i>	
1895	F. Lamson-Scribner, B. Sc.	—

THE SCHOOL OF GRADUATE STUDIES

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Appointed.	<i>Professor of Chemistry.</i>	Vacated.
1893	Charles E. Munroe, Ph. D.	—
1893	<i>Professor of Chemistry—Agricultural.</i>	—
	Harvey W. Wiley, M. D., Ph. D.	—
1893	<i>Professor of Chemistry—Bio.</i>	—
	Emil A. de Schweinitz, M. D., Ph. D.	—
1893	<i>Professor of Chemistry—Mineral.</i>	—
	Frank W. Clarke, S. D.	—
	<i>Professors of Economics.</i>	—
1896	Andrew F. Craven, Ph. D.	1899
1899	Carroll D. Wright, LL. D.	—
	<i>Professors of Engineering—Civil.</i>	—
1893	Francis R. Fava, Jr., C. E.	1896
1896	Felix Freyhold, C. E.	1899
	<i>Professor of Engineering—Electrical.</i>	—
1895	Frank A. Wolff, Ph. D.	—
	<i>Professors of Engineering—Mechanical.</i>	—
1895	Hans Zopke.	1897
1897	Elmer S. Farwell, C. E.	1898
1898	Gustav Ayres, M. E.	—
	<i>Professors of English.</i>	—
1893	The Rev. Samuel M. Shute, D. D.	1895
1895	George J. Smith, Ph. D.	1896
1896	Edward B. Pollard, Ph. D.	1897
1897	William Allen Wilbur, A. M.	—
	<i>Emeritus Professor of English.</i>	—
1895	The Rev. Samuel M. Shute, D. D.	—
	<i>Professor of Geology.</i>	—
1893	George P. Merrill, Ph. D.	—
	<i>Professor of German.</i>	—
1893	Hermann Schoenfeld, Ph. D.	—
	<i>Professor of Greek.</i>	—
1893	The Rev. Adoniram J. Huntington, D. D.	—

Appointed.	<i>Professor of History.</i>	Vacated.
1895	Edward Farquhar, Ph. D.	1896
	<i>Professor of History—American and English.</i>	
1896	Charles C. Swisher, Ph. D.	—
	<i>Professor of History—Ancient and Church.</i>	
1896	Edward Farquhar, Ph. D.	—
	<i>Professor of History—Continental.</i>	
1899	Hermann Schoenfeld, Ph. D.	—
	<i>Professors of Latin.</i>	
1893	Andrew P. Montague, Ph. D.	1897
1898	Charles W. Downing, A. M.	1899
	<i>Professors of Mathematics.</i>	
1893	J. Howard Gore, Ph. D.	—
1893	Howard L. Hodgkins, Ph. D.	—
	<i>Professor of Meteorology.</i>	
1893	Cleveland Abbe, Ph. D., LL. D.	—
	<i>Professor of Neurology.</i>	
1899	D. Kerfoot Shute, A. B., M. D.	—
	<i>Professors of Philosophy.</i>	
1893	The Rev. J. Macbride Sterrett, D. D.	—
1893	William T. Harris, LL. D.	—
	<i>Professor of Philosophy—French.</i>	
1893	Lee Davis Lodge, Ph. D.	1897
	<i>Professor of the Philosophy of History.</i>	
1893	James C. Welling, LL. D.	1894
	<i>Professor of Political Philosophy.</i>	
1893	Lee Davis Lodge, Ph. D.	1899
	<i>Professor of Political Science.</i>	
1899	Andrew F. Craven, Ph. D.	—
	<i>Professor of Romance Languages.</i>	
1896	Marathon M. Ramsey.	1900

THE SCHOOL OF GRADUATE STUDIES

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Appointed.	<i>Professor of Physics—Mathematical.</i>	Vacated.
1893	Alexander S. Christie, LL. M.	1895
1896	Alexander S. Christie, LL. M.	1898
	<i>Professor of Physics—Solar.</i>	
1893	The Rev. Frank H. Bigelow, A. M., L. H. D.	—
	<i>Professor of Zoology.</i>	
1893	Theodore N. Gill, M. D., Ph. D.	—
	<i>Acting Professor of Archaeology—Classical.</i>	
1899	Mitchell Carroll, Ph. D.	—
	<i>Acting Professor of Engineering—Civil.</i>	
1899	Henry A. Pressey, B. S.	—
	<i>Acting Professors of Latin.</i>	
1897	John St. Clair Brookes.	1898
1899	Mitchell Carroll, Ph. D.	—
	<i>Associate Professor of Economics.</i>	
1899	Max West, Ph. D.	—
	<i>Associate Professor of Engineering—Mechanical.</i>	
1895	Elmer S. Farwell, C. E.	1897
	<i>Associate Professor of Meteorology.</i>	
1895	Charles F. Marvin, A. B., M. E.	—
	<i>Assistant Professor of Engineering—Electrical.</i>	
1893	Exum Percy Lewis, B. S.	1895
	<i>Assistant Professor of English.</i>	
1893	Edward Farquhar, Ph. D.	1895
	<i>Assistant Professor of Mathematics—Applied.</i>	
1898	Domingo A. Usina, C. E.	1899
	<i>Assistant Professor of Meteorology.</i>	
1894	Charles F. Marvin, A. B., M. E.	1895
	<i>Lecturer on Anthropology.</i>	
1893	Otis T. Mason, Ph. D.	—

ADDRESSES DELIVERED AT THE OPENINGS OF
THE GRADUATE SCHOOL.

1893. President James C. Welling.

"Science of Universal History Considered as the In-
dispensable Complement of the Physical Sciences."
(Printed separately.)

1894. Professor Charles E. Munroe.

"The Development and Functions of the Graduate
School." (Printed separately.)

1895. The Rev. Professor Adoniram J. Huntington.

"The Study of Greek." (Not published.)

1896. The Rev. Professor Edward B. Pollard.

"The Study of English." (Not published.)

1897. Dr. William T. Harris.

"Higher Education—Its Uses." (Printed separately.)

1898. Professor Hermann Schoenfeld.

"The Mission of History in the Graduate Schools of
Our Universities." (Not published.)

1899. Professor Howard L. Hodgkins.

"The Making of a Specialist." (Not published.)

THE GRADUATE CLUB OF THE COLUMBIAN
UNIVERSITY.

Date of Organization, December 30, 1895.

OFFICERS.

Appointed.

Appointed.	Presidents.	Vacated.
Dec. 30, 1895.	Mr. M. M. Ramsey, B. S., M. A.	Dec. 16, 1897.
Dec. 16, 1897.	Mr. Percival Hall, B. A., M. A.	Feb. 11, 1899.
Feb. 11, 1899.	Mr. John Walker Holcombe, B. A., M. A.	—

Vice-Presidents.

Dec. 30, 1895.	Hon. J. M. Reynolds, B. E., M. E., M. A.	Dec. 16, 1897.
Dec. 16, 1897.	Mr. Victor K. Chestnut, B. S.	Feb. 11, 1899.
Feb. 11, 1899.	Miss Lila Tayler, B. S., M. A.	May 31, 1900.
May 31, 1900.	Miss Clara M. Upton, B. A., M. S.	—

Secretaries.

Dec. 30, 1895.	Miss Louise Connolly, B. S., M. S.	Dec. 16, 1897.
Dec. 16, 1897.	Mr. Fred F. Reisner, B. S., E. E.	May 31, 1900.
May 31, 1900.	Miss Lila Tayler, B. S., M. A.	—

Treasurers.

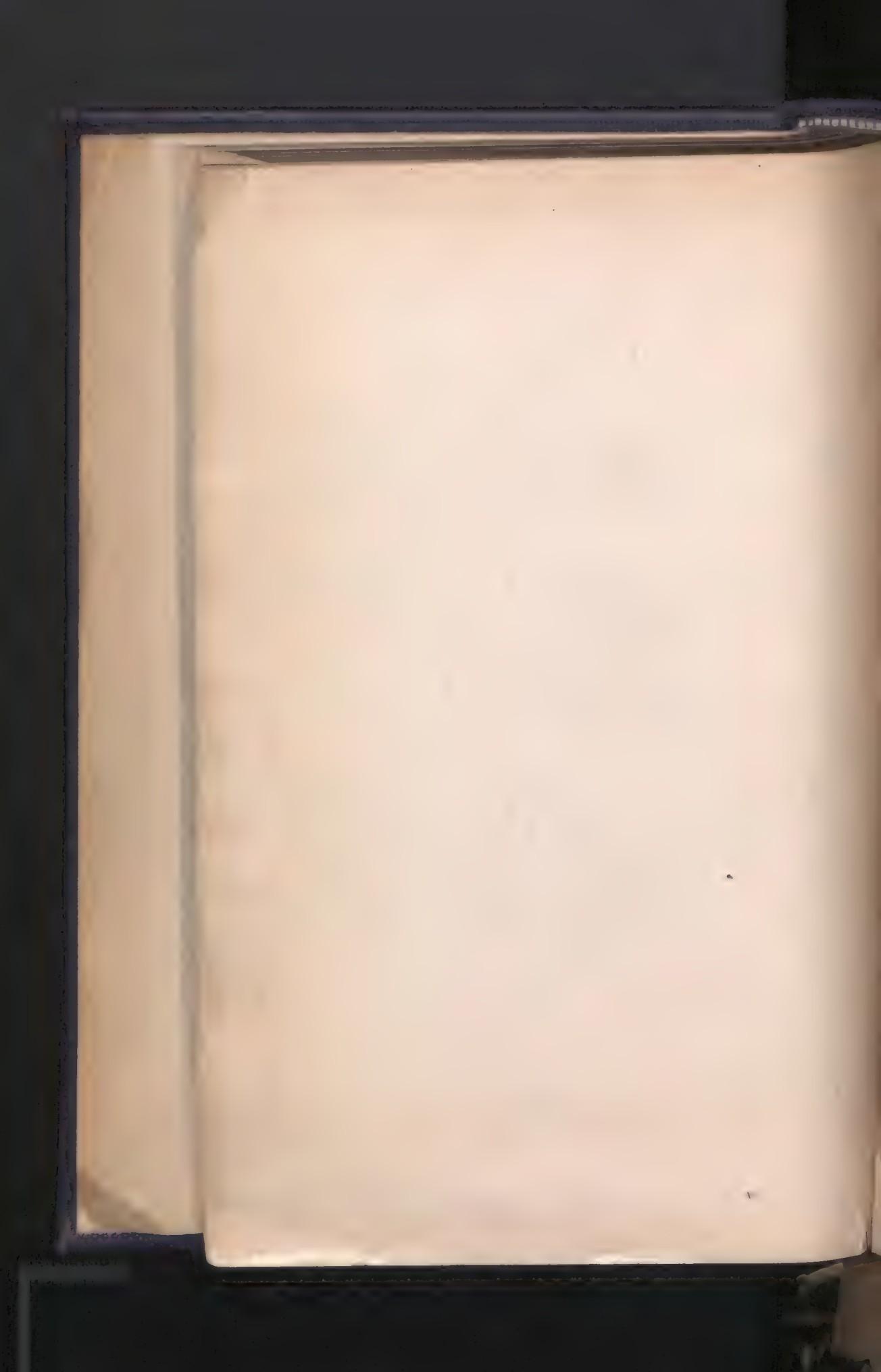
June 6, 1896.	Mr. Frederick C. Waite, B. A.	Dec. 16, 1897.
Dec. 16, 1897.	Mr. Roy B. Pace, B. A., M. A.	Feb. 11, 1899.
Feb. 11, 1899.	Mr. Edw. G. Portner, B. S., M. S.	May 31, 1900.
May 31, 1900.	Mr. William T. Faulkner, B. S., M. A.	—

Assistant Editors of *The Graduate Handbook*.

Feb. 11, 1899.	Mr. Marcus W. Lyon, Jr., Ph. B., M. S.	May 31, 1900.
May 31, 1900.	Mr. Charles S. Hyde, Ph. B., M. A.	—

Delegates.

1896. Philadelphia	Prof. Edward Farquhar, Ph. D
1897. Chicago	Mr. Percival Hall, M. A.
	Mr. George A. Ross, B. A., M. A.
1898. Cambridge	Mr. Percival Hall, M. A.
1899. New York	Mr. Percival Hall, M. A. Mr. Charles S. Hyde, M. A.



THE COLUMBIAN UNIVERSITY.

THE SCHOOL

OR

COMPARATIVE JURISPRUDENCE

AND

DIPLOMACY.

2L.
CATALOGUE, 1899-1900.

ANNOUNCEMENTS, 1900-1901.

WASHINGTON, D. C.



THE COLUMBIAN UNIVERSITY.

THE SCHOOL OF
COMPARATIVE JURISPRUDENCE
AND DIPLOMACY.

CATALOGUE,

1899-1900.

ANNOUNCEMENTS,

1900-1901.

WASHINGTON, D. C.

JUDD & DIETWILLER, PRINTERS.

1900.

JANUARY.

S. M. T. W. T. F. S.

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JULY.

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1901.

JANUARY.

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FEBRUARY.

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AUGUST.

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FEBRUARY.

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MARCH.

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SEPTEMBER.

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MARCH.

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APRIL.

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OCTOBER.

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APRIL.

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MAY.

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JUNE.

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DECEMBER.

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JUNE.

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CALENDAR.

1899.

Sept. 25, *Monday*.—Fall Examinations in Medical School and Dental School.

* Sept. 25-27, *Monday to Wednesday*.—Examinations for Admission to Columbian College.

Sept. 27, *Wednesday*.—Academic Year begins in Columbian College, Corcoran Scientific School, and School of Graduate Studies.

Oct. 2, *Monday*.—Academic Year begins in Law School, School of Comparative Jurisprudence and Diplomacy, Medical School, and Dental School.

Nov. 30-Dec. 2, *Thursday to Saturday*.—Thanksgiving recess.

RECESS FROM DECEMBER 25, 1899, TO JANUARY 1, 1900, INCLUSIVE.

1900.

Jan. 13, *Saturday*.—Annual Meeting of the General Association of Alumni.

Jan. 26, *Friday*.—Mid-year Examinations completed in Columbian College.

Jan. 27, *Saturday*.—Mid-year Examinations completed in Corcoran Scientific School.

Jan. 29, *Monday*.—Second Term begins in Columbian College and Corcoran Scientific School.

Feb. 22, *Thursday*.—Washington's Birthday: a holiday.

March 14, *Wednesday*.—Davis Prize Speaking in Columbian College.

April 13, 14, *Friday, Saturday*.—Easter holidays.

May 9, *Wednesday*.—Examinations for Degrees completed in Columbian College, Corcoran Scientific School, and School of Graduate Studies.

1900.

May 11, *Friday*.—Last day on which Theses may be presented to the Dean of the School of Graduate Studies.

May 14, *Monday*.—Examinations completed in Medical School and Dental School.

May 16, *Wednesday*.—Examinations for Degrees completed in Law School and School of Comparative Jurisprudence and Diplomacy.

May 21, *Monday*.—Doctorate Disputation.

May 27, *Sunday*.—Baccalaureate Sermon.

May 28-30, *Monday to Wednesday*.—Examinations for Admission to Columbian College.

May 29, *Tuesday*.—Final Examinations completed and session closed in Columbian College and Corcoran Scientific School.

May 28, *Monday*.—Commencement of Medical and Dental Schools.

May 29, *Tuesday*.—Commencement of Schools of Law.

May 30, *Wednesday*.—Commencement of Columbian College, Corcoran Scientific School, and School of Graduate Studies.

May 30, *Wednesday*.—Annual Meeting of the Board of Trustees.

SUMMER VACATION.

Sept. 21, *Monday*.—Fall Examinations in Medical School and Dental School.

Sept. 24-26, *Monday to Wednesday*.—Examinations for Admission to Columbian College.

Sept. 26, *Wednesday*.—Academic Year begins in Columbian College, Corcoran Scientific School, and School of Graduate Studies.

Oct. 1, *Monday*.—Academic Year begins in Law School, School of Comparative Jurisprudence and Diplomacy, Medical School, and Dental School.

1900.

- Nov. 29-Dec. 1, *Thursday to Saturday*.—Thanksgiving recess.
Dec. 5, *Wednesday*.—Annual Meeting of the General Association
of Alumni.

RECESS FROM DECEMBER 24, 1900, TO JANUARY 1, 1901, INCLUSIVE.

1901.

- Jan. 25, *Friday*.—Mid-year Examinations completed in Colum-
bian College.
Jan. 26, *Saturday*.—Mid-year Examinations completed in Cor-
coran Scientific School.
Jan. 28, *Monday*.—Second Term begins in Columbian College
and Corcoran Scientific School.
Feb. 21, *Thursday*.—Davis Prize Speaking in Columbian Col-
lege.
Feb. 22, *Friday*.—Washington's Birthday; a holiday.
April 5, 6, *Friday, Saturday*.—Easter holidays.
May 8, *Wednesday*.—Examinations for Degrees completed in
Columbian College, Corcoran Scientific School,
and School of Graduate Studies.
May 11, *Saturday*.—Last day on which Theses may be presented
to the Dean of the School of Graduate Studies.
May 13, *Monday*.—Examinations completed in Medical School
and Dental School.
May 15, *Wednesday*.—Examinations for Degrees completed in
Law School and School of Comparative Juris-
prudence and Diplomacy.
May 20, *Monday*.—Doctorate Disputation.
May 26, *Sunday*.—Baccalaureate Sermon.
May 27-29, *Monday to Wednesday*.—Examinations for Admission
to Columbian College.
May 28, *Tuesday*.—Final Examinations completed and session
closed in Columbian College and Corcoran Sci-
entific School.

1901.

May 27, Monday.—Commencement of Medical and Dental Schools.

May 28, Tuesday.—Commencement of Schools of Law.

May 29, Wednesday.—Commencement of Columbian College, Corcoran Scientific School, and School of Graduate Studies.

May 29, Wednesday.—Annual Meeting of the Board of Trustees.

EDUCATIONAL ADVANTAGES OF WASHINGTON.

The Columbian University has special educational advantages in virtue of its location at the National Capital. The spirit of nationalism in Washington, the close association with public men and public questions, constitute a humanizing influence of the greatest value in the development of the American scholar. To the undergraduate or graduate student of the arts and sciences, to the professional student in law, diplomacy, medicine, or dentistry, Washington furnishes opportunities and facilities for study unrivaled by any American city. Special libraries and large collections, illustrative of the various arts and sciences, have been accumulated by the action of Congress through a long series of years.

In view of the fact that in collecting such archives and materials it was the original purpose of the Government "to promote research and the diffusion of knowledge," the Congress of the United States has made these treasures accessible to students under the terms of the following joint resolution, approved April 12, 1892:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the facilities for research and illustration in the following and any other governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority

as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

1. Of the Library of Congress.
2. Of the National Museum.
3. Of the Patent Office.
4. Of the Bureau of Education.
5. Of the Bureau of Ethnology.
6. Of the Army Medical Museum.
7. Of the Department of Agriculture.
8. Of the Fish Commission.
9. Of the Botanic Gardens.
10. Of the Coast and Geodetic Survey.
11. Of the Geological Survey.
12. Of the Naval Observatory."

To students of Law and of Diplomacy the peculiar advantages of Washington are manifest. The Supreme Court is in session from October to May, and on each Monday morning delivers opinions orally. Students may listen to these and thus keep in touch with the latest utterances of the greatest court. The Supreme Court Library is open to students, and the State Department, with its large library, affords facilities for the study of diplomacy. Congress is in session during the winter, and here the student sees the practical workings of the largest and most important legislative body, and listens to the discussion of matters touching interstate and foreign commerce and diplomatic relations. Here one comes into contact with the practical workings of the National Government in all its parts, and may secure the views and advice of practical men in all the great departments.

Many of the lecturers in the Schools of Law occupy the most important official positions in the gift of the nation and speak from a practical knowledge of the subjects they teach.

To students of Medicine and of Dentistry the facilities for study and research are no less remarkable. The Army Medical Museum, which is open for inspection daily, presents a field for study superior to any other institution of the kind, either in this country or in Europe. It has an unrivalled collection of anatomical

and pathological specimens, illustrating normal anatomy and the results of disease in every form, and an almost unlimited number of other preparations showing the effect of gunshot wounds and surgical injuries of every kind. It also contains almost numberless crania of every human nationality, by an examination of which the student can find many dentures of theoretical perfection, and observe the effect of civilization and race admixture upon the dental organs.

At the United States Patent Office models of every conceivable form of dental instruments may be daily inspected, thus affording to the student an invaluable opportunity for studying the mechanical contrivances used in dental practice.

In the National Museum is found the most complete and best arranged collection of *Materia Medica* in the world. The drugs are shown in all their processes of manufacture, from the original package to the delicate alkaloid constituting the active principle.

Of great interest also are the Government Botanical Gardens and the grounds of the Agricultural Department, where there are rare collections of medicinal plants, from which are derived many of the preparations of the *Materia Medica*.

Statesmen, jurists, diplomatists, and legislators are in Washington. Scientific investigations conducted by the Government attract the most eminent scientists; the directory of the Washington Academy of Sciences and Affiliated Societies shows for 1900 a membership of 1,965. The National Capital is a place of meeting for scientific associations and international congresses of all kinds. It is the one city where the student from any part of the country is sure to find a congenial environment.

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SAMUEL W. WOODWARD, *Treasurer.*

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Nominations: WOODWARD, PARKER, LEVERING.

Columbian College: STAKELY, NOYES, MCKNEW.

Corcoran Scientific School: POWELL, MASON, MCKNEW.

School of Graduate Studies: GALLAUDET, GREENE, CURRY.

Law School: MATTINGLY, CURRY, LARNER.

School of Jurisprudence: MATTINGLY, DARLINGTON, NOYES.

Medical School: GREENE, WILSON, STAKELY.

Dental School: WILSON, GREENE, STAKELY.

Auditing: WILSON, MCKNEW, PARKER.

Endowment: LEVERING, WOODWARD, GALLAUDET, GREENE, MORGAN.

THE UNIVERSITY COUNCIL.

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D. D., LL. D.

President *pro tempore*, Rev. SAMUEL H. GREENE, D. D., LL. D.

Dean of the University, HOWARD L. HODGKINS, Ph. D.

Dean of the College, Rev. ADONIRAM J. HUNTINGTON, D. D.

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Ph. D.

Dean of the Law School, WALTER S. COX, LL. D.

Dean of the School of Comparative Jurisprudence and Diplomacy, CHARLES W. NEEDHAM, LL. M.

Dean of the Medical School, E. A. DE SCHWEINZ, Ph. D.,
M. D.

Dean of the Dental School, J. HALE LEWIS, D. D. S.

The University Council meets in committee on the second
Monday of each month at 4 o'clock p. m.

* Resigned March 31, 1900.

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A. F. A. KING, M. D., *President.*

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WILLIAM W. JOHNSON, M. D. WILLIAM P. CAIG, M. D.

Editor of the University Catalogue.

WILLIAM ALLEN WILBUR.

ALUMNI ASSOCIATIONS.

An address list of all graduates is kept at the University by the Secretary of the General Alumni Association. All Alumni are requested to send to him notices of changes in address and any other items of information in reference to graduates or former students of the University.

THE GENERAL ASSOCIATION.

OFFICERS, 1900.

President.

JOHN JOY EDSON.

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H. T. A. LEMON, M. D.	W. N. COGAN, D. D. S.
TRACY L. JEFFORDS.	JOHN W. HOLCOMBE.

Secretary.

HOWARD L. HODGKINS.

Treasurer.

JOHN B. LARNER.

Executive Committee.

JOHN JOY EDSON, Chairman.	
HOWARD L. HODGKINS, Secretary.	
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JOHN W. HOLCOMBE.	C. W. RICHARDSON, M. D.
TRACY L. JEFFORDS.	D. K. SHUTE, M. D.
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JOHN B. LARNER.	W. J. WALLIS.

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189 Montague Street, Brooklyn, N. Y.

THE SCHOOL OF COMPARATIVE
JURISPRUDENCE AND
DIPLOMACY.

THE GRADUATE COURSE.

BOARD OF VISITORS.

HON. MELVILLE W. FULLER, LL. D.,
Chief Justice of the United States.

HON. JOHN HAY, LL. D.,
Secretary of State.

HON. LYMAN J. GAGE, LL. D.,
Secretary of the Treasury.

HON. HENRY B. BROWN, LL. D.,
Associate Justice of the Supreme Court of the United States.

HON. CUSHMAN K. DAVIS, LL. D.,
United States Senator from Minnesota.

HON. CHAUNCEY M. DEPEW, LL. D.,
United States Senator from New York.

HON. JOHN F. DILLON, LL. D.,
Formerly Judge of the Circuit Court of the United States.

HON. WILLIAM LINDSAY, LL. D.,
United States Senator from Kentucky.

HON. FRANK A. VANDERLIP,
Assistant Secretary of the Treasury.

THE FACULTY.

* REV. BENAIAH L. WHITMAN, D. D., LL. D.,
President,

Political History and Science.

Political Geography.

REV. SAMUEL H. GREENE, D. D., LL. D.,
President pro tempore.

CHARLES W. NEEDHAM, LL. M.,
Dean,

The Common Law; Transportation and Interstate Commerce
Law.

HON. JOHN M. HARLAN, LL. D.
(Associate Justice of the Supreme Court of the United States),
Constitutional Law, Comparative Constitutional Law, and
Conflict of Laws.

HON. DAVID J. BREWER, LL. D.
(Associate Justice of the Supreme Court of the United States),
International Law.

HON. JOHN W. FOSTER, LL. D.
(Ex-Secretary of State),
Diplomacy and Treaties of the United States; Duties of
Ambassadors, Ministers, and Consuls; Boards of
Arbitration.

HON. DAVID J. HILL, LL. D.
(Assistant Secretary of State),
European Diplomacy and Treaties.

* Resigned March 31, 1886.

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 3

HON. WILLIAM WIRT HOWE, LL. D.

(of the New Orleans Bar,

Ancient Law, Roman Law, Mediaeval and Modern Civil Law.

JOSEPH FRENCH JOHNSON, A. B.,

Money, Credits, and Foreign Exchange.

HON. MARTIN A. KNAPP, LL. D.

(Chairman Interstate Commerce Commission),

Interstate Commerce Law.

HON. WILLIAM P. WILSON, Sc. D.

(Director of the Philadelphia Commercial Museum),

International Trade and Commercial Geography.

HON. CARROLL D. WRIGHT, LL. D.

(Commissioner of the Department of Labor),

Statistics and Social Economics.

LECTURERS.

HON. LYMAN J. GAGE, LL. D.

(Secretary of the Treasury),

Lecturer on Public Finance, Money, and Credits.

EDWARD H. STROBEL, LL. B.

(Of Harvard University,

Jurisprudence of France and of Spain.

N. W. HOYLES, Q. C.

(Principal, Toronto Law School).

Jurisprudence of Canada.

CHARLES RAY DEAN, LL. M.,

Secretary of the Schools of Law.

Special lectures upon the jurisprudence of England and her Colonies, Germany, Austro-Hungary, Italy and Colonial Law will be announced during the year.

A course of lectures upon the Organization of the Diplomatic Service of Other Nations, the History of International Conventions, and the Lives of Great Men will be delivered by some of the Diplomatic Corps resident in Washington and by other distinguished public men.

ASSIGNMENTS.

First Year.

CONSTITUTIONAL LAW OF THE UNITED STATES. One hour.*
PROFESSOR HARLAN. *Story on the Constitution.*

COMPARATIVE CONSTITUTIONAL LAW.† One hour, one-half year.
PROFESSOR HARLAN.

CONFlict OF LAWS. One hour, one half year. PROFESSOR HARLAN. *Story.*

INTERNATIONAL LAW. One hour. PROFESSOR BREWER. *Hall.*

ROMAN LAW. One hour, one-half year. PROFESSOR HOWE.
Studies in the Civil Law. *Hove.*

TRANSPORTATION AND INTERSTATE COMMERCE LAW.† One hour.
PROFESSOR NEEDHAM.

POLITICAL HISTORY AND POLITICAL GEOGRAPHY.† One hour
THE PRESIDENT.

HISTORY OF DIPLOMACY AND TREATIES OF THE UNITED STATES.†
One hour, one-half year. PROFESSOR FOSTER.

STATISTICS AND SOCIAL ECONOMICS. One hour. PROFESSOR WEIGHT.

* Unless otherwise stated, hours per week throughout the year.
† No text book.

ADMINISTRATIVE LAW.* One hour, one-half year.

LATIN, FRENCH, GERMAN, AND SPANISH. (Special.)

Five hours each week will be devoted to class discussions and conferences, conducted by professors and instructors.

Second Year.

POLITICAL SCIENCE.* One hour. THE PRESIDENT.

HISTORY OF DIPLOMACY OF THE UNITED STATES, ORGANIZATION OF THE STATE DEPARTMENT, DUTIES OF AMBASSADORS, MINISTERS, AND CONSULS, AND INTERNATIONAL ARBITRATION.* One hour. PROFESSOR FOSTER.

HISTORY OF EUROPEAN DIPLOMACY AND TREATIES.* One hour. PROFESSOR HILL.

LAWS OF ANCIENT NATIONS.* One hour.

- (a) History and General Principles of the Laws of India, Egypt, Palestine, and Greece. PROFESSOR HOWE.
- (b) History and General Principles of Roman Law to and including the time of Justinian. PROFESSOR HOWE.
- (c) A General View of the Law in Europe during the Middle Ages. PROFESSOR HOWE.
- (d) The Extension of the Roman Law into some of the Modern States. PROFESSOR HOWE.

THE COMMON LAW, ITS HISTORY AND EXTENSION INTO SOME OF THE MODERN STATES. One hour. PROFESSOR NEEDHAM.

JURISPRUDENCE OF FRANCE AND SPAIN. PROFESSOR STROBEL.

JURISPRUDENCE OF CANADA. PROFESSOR HOYLES.

INTERNATIONAL LAW.* One hour, one-half year. PROFESSOR BREWER.

INTERNATIONAL TRADE AND COMMERCIAL GEOGRAPHY.* One hour, one-half year. PROFESSOR WILSON.

FINANCE.* One hour. PROFESSOR JOHNSON.

* Not a text-book.

FINANCE. Special lectures by Hon. LYMAN J. GAGE.

LATIN, FRENCH, GERMAN, AND SPANISH. (Special.)

Special Lectures, Class Discussions and Conferences, five hours.

The class-room work for each year will occupy about ten hours—two hours every week day except Saturday.

COURSES OF INSTRUCTION.

LAW SECTION.—Leading to the degree of Master of Laws.
One year.

1. REGULAR COURSE.

Constitutional Law of the United States.
Conflict of Laws.
International Law.
Roman Law.
Transportation and Interstate Commerce Law.
Political History.

2. ELECTIVE COURSE.

Comparative Constitutional Law.
Administrative Law.
Colonial Law.

3. CONFERENCES FOR REVIEW AND EXAMINATION.

Constitutional Law.
Conflict of Laws.
International Law.
Roman Law.
Transportation and Interstate Commerce Law.
Political History.

NOTE.—Students in this course may take the Moot-Court work in the Law School without extra charge.

* No text-book

LAW SECTION.—Leading to the degree of Doctor of Civil Law. Two years.

1. REGULAR COURSE, FIRST YEAR.

- Constitutional Law of the United States.
- Comparative Constitutional Law.
- Conflict of Laws.
- International Law.
- Roman Law.
- Transportation and Interstate Commerce Law.
- Political History.
- Political Geography.
- Colonial Law.
- Latin and French, German or Spanish (special).

2. ELECTIVE COURSE.

- History of Diplomacy of the United States.
- History of Treaties to which the United States has been a party.
- Administrative Law.
- Statistics and Social Economics.

3. CONFERENCES FOR REVIEW AND EXAMINATION.

- Constitutional Law of the United States.
- Conflict of Laws.
- International Law.
- Roman Law.
- Transportation and Interstate Commerce Law.
- Political History and Political Geography.

4. REGULAR COURSE, SECOND YEAR.

- Political Science.
- Comparative Jurisprudence.
- Laws of India, Egypt, Palestine, and Greece.
- Roman Law to and including the time of Justinian.
- General View of the Law in Europe during the Middle Ages.
- The extension of the Roman Law into some of the Modern States.

Common Law of England; its history and extension into some of the Modern States.

Jurisprudence of England and her Colonies; France, Germany, Austro-Hungary, Italy, and Spain.

International Law.

Latin and French, German or Spanish (special).

5. ELECTIVE COURSE.

History of Diplomacy of the United States.

International Arbitration.

History of European Diplomacy and Treaties.

International Trade.

Finance.

6. CONFERENCES FOR REVIEW AND EXAMINATION.

Political Science.

Comparative Jurisprudence.

International Law.

DIPLOMATIC SECTION.—Leading to the degree of Master of Diplomacy. Two years.

1. REGULAR COURSE, FIRST YEAR.

Political History.

Political Geography.

History of Diplomacy of the United States.

History of Treaties to which the United States has been a Party.

International Law.

Commercial Geography.

Statistics and Social Economics.

French, German, or Spanish (special).

2. ELECTIVE COURSE.

Constitutional Law of the United States.

Comparative Constitutional Law.

Conflict of Laws.

Administrative Law.

Colonial Law.

3. CONFERENCES FOR REVIEW AND EXAMINATION.

Political History and Political Geography.
History of Diplomacy of the United States.
History of Treaties to which the United States has
been a Party.
International Law.
Commercial Geography.
Statistics and Social Economics.

4. REGULAR COURSE, SECOND YEAR.

Political Science.
History of Diplomacy of the United States.
Organization of the State Department.
Duties of Ambassadors, Ministers, and Consuls.
International Arbitration.
History of European Diplomacy and Treaties.
European Diplomatists.
International Law.
International Trade and Commercial Geography.
Finance.
French, German, or Spanish (special).

5. ELECTIVE COURSE.

Laws of Ancient Nations.
Common Law of England.
Course in Comparative Jurisprudence.

6. CONFERENCE FOR REVIEW AND EXAMINATION.

Political Science.
History of Diplomacy of the United States.
Organization of the State Department.
Duties of Ambassadors, Ministers, and Consuls.
International Arbitration.
History of European Diplomacy and Treaties.
International Law.
International Trade and Commercial Geography.
Finance.

METHOD OF INSTRUCTION AND STUDY.

Professors will conduct the study of the subject to which they are assigned by lectures, required courses of reading, and class discussions and conferences. Where a subject is divided into different branches or subdivisions, special lecturers will be introduced who are specially qualified to speak upon the subject assigned.

All subjects will be studied historically and comparatively and with a view to arriving at the present conditions and state of the law.

Class discussions and conferences will follow each lecture, and students will be encouraged to make original research and report their work to the class.

COMPARATIVE JURISPRUDENCE. This course will begin with the study of the laws of primitive people, the laws of India, Egypt, Palestine, and Greece; following this with a study of the Roman Law as derived from Greece and developed in Rome itself, down to the time of Justinian; then taking a general view of the law in Europe during the Middle Ages and tracing the Roman Law to the modern nations in which it now prevails. The rise of the Common Law and its extension to the nations in which it prevails will be carefully considered, and then the jurisprudence of the great modern States will be studied, giving to each a special lecture course, with class discussions. The relations of England to her colonial empire, and the federal system existing in Canada will receive special attention. All statutory laws which have a bearing upon the exercise of national power and which affect the relations of nations with each other, as well as the fundamental law, will be studied in each course.

This subject will be under the general supervision of the Dean, and lecturers will be appointed upon the jurisprudence of each nation.

COMPARATIVE CONSTITUTIONAL LAW. This subject will be studied by first considering in a thorough and comprehensive manner the subjects and the scope of the Constitution of the United States; next taking the constitutions of other nations, studying their sources and subjects, comparing their provisions

in the light of judicial interpretation by the highest courts of the country with the Constitution of the United States as construed by the Supreme Court of the United States, giving the student a thorough knowledge of the statement of constitutional law in the various countries, the scope of each, the subjects treated, the judicial construction, and the points in which our Constitution differs from that of other nations.

INTERNATIONAL LAW. This subject will be studied with reference to its sources, its sanctions, its present condition, and the lines and scope of its probable development.

HISTORY OF DIPLOMACY AND TREATIES OF THE UNITED STATES. The course of lectures on American Diplomacy will embrace the duties of ambassadors and ministers; duties of consuls; treaties, their method of negotiation, various forms of, attitude of Congress, rulings of Supreme Court, and historical sketch of most important American treaties; arbitration, principles of organization and method of procedure; and the Monroe Doctrine.

HISTORY OF EUROPEAN DIPLOMACY AND TREATIES. Approaching diplomacy not merely as the science of the relations of sovereign states and the art of conducting negotiations between them, but primarily as the actual transaction of international business, the course of instruction will aim to show what European diplomacy really is by the examination of its history. As all important international transactions are summed up and embodied in definite treaties and conventions, the subject can be most profitably discussed by an analysis of these documents, supplemented by an account of the persons, interests, events, forms, ceremonies, and negotiations that have contributed to their development. By this method it is hoped that it may be possible not only to derive inductively the principles of diplomacy as an art and as a science, but also to present an exposition of the present international relations of Europe as determined by the great treaties, from the Congress of Westphalia to the Congress of Berlin, showing the existing affinities, antagonisms, and tendencies of the chief European powers.

POLITICAL HISTORY AND SCIENCE; POLITICAL GEOGRAPHY IN ITS RELATION TO POLITICAL HISTORY. The work in this depart-

ment is designed to put the student in possession of the main results of political development, enabling him to follow the course of history, both in its geographical and in its political movement, with special reference to the structure and influence of the States whose work has been worth most to the world.

FINANCE. This subject will be treated broadly with reference to international relations in commerce and banking. It will consider the nature and functions of money and credits and their international circulation; also the subject of Public Finance, including the sources of government revenues, bond issues, taxation, the disbursement of the revenues, and the organization of the Treasury Department.

INTERNATIONAL TRADE AND COMMERCIAL GEOGRAPHY. This course will treat of the products of the United States which are the subjects of international trade; where like products are grown or manufactured, and the markets for the same, giving the general currents or geography of trade and commerce and showing how affected by treaties and legislation, and the services of diplomatic and consular agents of the United States.

TRANSPORTATION AND INTERSTATE COMMERCE LAW. This subject will be treated historically, beginning with the public highway, the use of navigable waters, and the construction and operation of canals and railroads; observing the rights of the public; the relations of owners of railroads to the management and the public; theory and practical working of competition and combination; legislative control, and reviewing the Interstate Commerce Law and the decisions thereunder.

STATISTICS AND SOCIAL ECONOMICS. The aim will be to teach the principles, theory, and practice of the statistical method, illustrating its use and abuse in presenting data relating to population, production, commerce, wages, prices, crime, etc. Under social economics the course will deal with principles of social economics, elements of industrial society, systems of industry, evolution of manufactures, the factory system, the regulation of labor, strikes, arbitration, effects of machinery, prison labor, cooperation, savings institutions, labor legislation, labor organizations, socialism, etc., etc.

HISTORICAL.

At the annual meeting of the Board of Trustees of the University in June, 1898, an ordinance was adopted establishing, as a department of the University, "The School of Comparative Jurisprudence and Diplomacy."

This school was opened with appropriate ceremonies at the University November 15, 1898. President McKinley, with members of his Cabinet and many other distinguished men in public life, were present. Addresses were delivered by B. L. Whitman, D. D., President of the University; Charles W. Needham, LL. M., Dean; Hon. John M. Harlan, LL. D., Associate Justice of the Supreme Court of the United States; Hon. David J. Brewer, LL. D., Associate Justice of the Supreme Court of the United States; Hon. Lyman J. Gage, Secretary of the Treasury; Sir Wilfrid Laurier, Premier of Canada, and Hon. John W. Foster, ex-Secretary of State.

On January 3, 1899, Law Lecture Hall was completed and dedicated. This building is located at 1420 H Street, adjoining University Hall; it is very complete, having three lecture-rooms, a large library, and ample office rooms, the entire building being devoted to the use of the Schools of Law.

OBJECTS.

The design of this school is to afford a training in the subjects of higher legal knowledge, the political history of the world, the science and practice of diplomacy, and international law. Its courses are intended for lawyers, for students of jurisprudence and diplomacy, for persons who desire to fit themselves for the public, diplomatic, and consular service of the United States, and for those who desire a broad culture upon the larger questions of public life in order that they may better acquit themselves as journalists, legislators, and molders of public opinion upon the national and international issues of the day. To be an international lawyer or diplomatist one must, in addition to an education which makes one a scholar and lawyer, have special knowledge of the higher and broader subjects of

the law and the intercourse between states and nations; to be influential in any public career a man in this day must have a knowledge of political history, the diplomatic relations which have existed between states and nations, the manner in which international controversies have been settled, the currents of international trade and commerce, the general principles of finance as held by civilized nations, and the modern methods of settling international affairs. It is the special object and purpose of this school to furnish such instruction and opportunities for study at the national capital, where are to be found the archives containing the history of these subjects and the men who have been called to public life by reason of their special fitness to deal with these questions. From among these public men our professors and lecturers are chosen, and these archives and libraries are open to our students.

ADMISSION.

Applicants who have taken the degree of Bachelor of Laws in this or any other university or law school requiring three years of study will be admitted to the first year of the course as candidates for the degree of Master of Laws.

Applicants who have taken the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Philosophy, or Bachelor of Laws in the Columbian University or any other university requiring an equal amount of study for the degree, and all others who have done work equivalent to that required for either of these degrees, and who pass a satisfactory examination before the Faculty of the School, are entitled to admission to the two-years' course as candidates for the degree of Master of Diplomacy or the degree of Doctor of Civil Law.

Satisfactory evidence of degrees taken or equivalent work done will be required in all cases.

Students who have received the degree of Doctor of Civil Law in this school may enter for the degree in Diplomacy, taking the same in one additional year.

Any person approved by the Dean may attend one or more courses of lectures in the school, have the benefit of the examinations, and receive a certificate for the work done.

LANGUAGES. A knowledge of Latin is regarded as essential in both of the law courses to enable students to properly pursue the history of the law. In addition to Latin, one of the modern languages, either French, German, or Spanish, will be required of applicants for the degree of Doctor of Civil Law, and a knowledge of either French, German, or Spanish will be required of those taking the degree of Master of Diplomacy. Students who have not received sufficient instruction in the languages required may take the same during their course, in the Department of Languages of the University. A special tuition is charged for each language taught.

DEGREES AND THESES.

The degree of Master of Laws will be conferred upon students taking the prescribed course and passing the required examinations.

The degrees of Doctor of Civil Law and Master of Diplomacy will be conferred upon students who take the courses prescribed therefor, pass the required examinations, and submit satisfactory and creditable theses upon subjects covered by some part of the courses.

EXAMINATIONS.

Examinations will be held at the conclusion of each subject. A thesis will be required of all students who are candidates for the degrees of D. C. L. and M. Dip. upon a topic to be selected by the student and approved by the Faculty.

PRIZE.

A prize, offered by the Edward Thompson Company, of a set of the Encyclopedia of Law, first or second editions, or a set of the Encyclopedia of Pleading and Practice, is awarded to the student in this school who shall write the best thesis on some legal subject, to be assigned by the Faculty.

FEES.

The tuition fee is eighty dollars for each year, payable in advance, monthly or quarterly, at the option of the student.

Students will be required to present tickets showing the payment of tuition fees before admission to the lectures.

Printed synopses and publications issued in connection with the work are furnished to students at cost.

Students proposing to withdraw from the School of Comparative Jurisprudence and Diplomacy will inform the Registrar to that effect. In the absence of such notification no claims for exemption from fees will be allowed.

Students taking special courses only will be charged fifteen dollars for each subject.

Regular students taking the languages will be charged an extra fee for each language taken.

The fee for diploma is ten dollars, and a library fee of two dollars per year is charged.

NOTICE.—*Increase of tuition fee*

Students matriculating for the Academic year beginning October 7, 1901, and thereafter will be charged a tuition fee of one hundred dollars per annum.

Prize Awards, 1899.

A. T. Britton Prize.....Galen L. Tait.
Edward Thompson Company Prize.....John T. Doyle.

For further information and application blanks for admission, address the SECRETARY OF THE SCHOOLS OF LAW, 1420 H Street, Washington, D. C.

STUDENTS, 1899-1900.

Second Year.

Name.	State.	Address.
Able, R. Felder.....	S. C....	911 M Street. L.L. B., Columbian University. L.L. M., Columbian University.
Allen, Charles Kissam.....	N. Dak	1828 Jefferson Place. L.L. B., National University. L.L. M., National University. L.L. M., Columbian University.
Bingham, Goundry W.....	D. C....	802 11th Street. L.L. B., Georgetown University. L.L. M., Columbian University.
Bynum, Dixson H.....	Ind....	Interstate Com. Co'n. L.L. B., Columbian University. L.L. M., Columbian University.
Cahill, Thaddens.....	N. Y....	2102 18th Street. L.L. B., Columbian University. L.L. M., Columbian University.
Call, Lewis W	Kans....	1249 Kenesaw Ave. B. S., Kansas State Agricultural College. L.L. B., Columbian University. L.L. M., Columbian University.
Chesley, Willoughby S.....	Md....	1214 12th Street. L.L. B., Columbian University. L.L. M., Columbian University.
Clark, Charlton M.....	Miss....	620 I Street. L.L. B., National University. L.L. M., Columbian University.
Colladav, Edward Francis.....	Kans....	1234 I Street. L.L. B., Columbian University. L.L. M., Columbian University.
Dean, Charles Ray.....	Ill....	915 O Street. Ph. B., University of Chicago. L.L. B., Columbian University. L.L. M., Columbian University.
Dennis, Thomas Fletcher.....	Ill....	1615 Florida Ave. A. M., Illinois College. L.L. M., Columbian University.

Name.	State.	Address.
Disch, Henry G.	Wis....	153 Heckman St., S.E. LL. B., Columbian University. LL. M., Columbian University.
Doyle, John T.	N. Y....	2107 Wyoming Ave. LL. B., Columbian University. LL. M., Columbian University.
Fukuda, Tatsugoro.	Japan..	617 H Street.
Gray, John Pinkham.	Idaho..	1621 13th Street. LL. B., Columbian University. LL. M., Columbian University.
Halford, A. J.	Ind....	1622 22d Street.
Hamner, G. W.	Ala....	916 H Street. A. M., Hiwassee College, Tenn. A. B., Hiwassee College, Tenn. LL. B., University of Alabama. LL. M., Georgetown University. Ph. D., Columbian University.
Harris, John T.	Mo....	940 K Street. LL. B., Columbian University. LL. M., Columbian University.
Healy, Peter J.	Minn...	Care U. S. Senate. LL. M., Columbian University.
Heminings, Frederick Leith... Ill....	1461 Florida Avenue. LL. B., Columbian University. LL. M., Columbian University.	
Holecombe, John W.	Ind....	1829 Corcoran Street. A. B., Harvard University. LL. B., Columbian University.
Jackson, E. Hilton.	D. C....	809 Thirteenth St. A. M., Columbian University. LL. B., Columbian University. LL. M., Columbian University.
Johnson, Livingston S.	Va.....	1460 Corcoran Street. LL. B., Columbian University. LL. M., Columbian University.
Kellogg, Charles Jirah.	La....	1227 M Street. LL. B., National University. LL. M., National University. LL. M., Columbian University.
Kiggins, Frank M.	Tenn...	1141 12th Street. LL. B., University of Georgetown. LL. M., University of Georgetown. LL. M., Columbian University.

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 19

Name.	State.	Address.
Killam, Cecil.....	N. S....	1004 M Street. A. M., Mt. Allison University. LL. B., Dalhousie Law School.
Kramer, Albert Ludlow.....	Pa.....	1129 14th Street. LL. B., University of Pennsylvania.
Linkins, Charles	D. C....	1923 G Street. LL. B., Columbian University. LL. M., Columbian University.
Matthews, Charles Eugene.....	Oklahoma....	Sixth Auditor's Off. LL. B., Columbian University. LL. M., Columbian University.
McKinley, J. William.....	Ohio ...	1351 Harvard Street LL. B., National University. LL. M., National University.
Miller Claude E.....	Pa.....	1339 15th Street. LL. B., Columbian University. LL. M., Columbian University.
Nelms, William H.....	Ill.....	70 D Street, N. E. LL. M., Georgetown University. LL. M., Columbian University.
Phair, Philip De Witt.....	Maine..	218 North Capitol St. B. Litt., Trinity College. A. B., Harvard University. A. M., Harvard University.
Pool, Solomon C	N. C....	1209 H Street. LL. B., Georgetown University. LL. M., Georgetown University.
Ruffin, Thomas.....	N. C....	1023 Vermont Ave. LL. B., Georgetown University. LL. M., Georgetown University.
Schoeverling, Wm. Louis Willer. Wis.....	1004 M Street. LL. B., Kent College of Law. LL. M., Chicago Law School.	
Smith, Charles Magill	Va.....	1117 G Street. LL. B., National University. LL. M., National University. LL. M., Columbian University.
Smith, Walter Scott.	Ala.....	200 D Street. A. B., Lineville College. LL. B., Columbian University. LL. M., Columbian University.

Name.	State.	Address.
Stamper, William S.	Tenn . . .	1234 I Street. LL. B., Columbian University. LL. M., Columbian University.
Strausburger, Milton Z.	D. C. . . .	631 H Street. LL. B., Georgetown University. LL. M., Georgetown University.
Tait, Galen L.	Neb . . .	1718 Q Street. LL. B., Columbian University. LL. M., Columbian University.
Tindall, Philip.	D. C. . . .	2103 California Ave. LL. B., Columbian University. LL. M., Columbian University.
Via, Lemuel R.	Va. . . .	802 11th Street. LL. B., Georgetown University. LL. M., Columbian University.
Watts, Reuben B.	Ala. . . .	216 11th Street. LL. B., Georgetown University. LL. M., Columbian University.
Weare, Joseph.	Ill. . . .	2020 F Street. B. S. C. E., University of Michigan.
Weaver, Harry O.	Ohio . . .	802 A street, N. E. LL. B., Columbian University. LL. M., Columbian University.

First Year.

Name.	State.	Address.
Ames, Edward Winslow.	Mass. . . .	717 10th Street. A. B., Harvard University.
Andrews, A. G.	Vt. . . .	1414 15th Street. C. E., Norwich University.
Barrus, George Warren.	N. H. . .	314 E Street LL. B., Columbian University.
Benfer, James P.	Ohio. . .	2151 L Street. LL. B., Georgetown University.
Bishop, Roswell F.	Mich. . .	132 A Street, N. E. Ph. B., University of Michigan.
Brockett, Bluford W.	Md. . . .	3425 Holmead Ave. LL. B., Columbian University.
Butts, Joseph Waddell.	D. C. . . .	918 T Street. LL. B., Columbian University.

Name.	State.	Address
Chapman, Charles Mc'	N. Y....	725 19th Street. LL. B., Columbian University.
Chamberlin, J. Morrill	Va....	1309 20th Street. LL. B., Georgetown University. LL. M., Georgetown University.
Choate, Warren R.	Md....	525 11th Street. LL. B., National University. LL. M., National University.
Clark, Charles C.	Pa....	U. S. Dep't Agric. Attorney-at-Law.
Cooke, Harry L.	Tenn....	630 I Street. LL. B., Columbian University.
Corby, Joseph Edgar	Mo....	1418 31st Street. LL. B., University of Notre Dame.
Crooks, James W.	Ill....	303 B Street, S. E. LL. B., Columbian University.
Crosby, C. F.	Va....	1350 Yale Street. LL. B., Georgetown University LL. M., Georgetown University
Davis, Thomas J.	W. Va....	220 3d Street. LL. B., West Virginia University
Esterly, Frank C.	Minn....	1115 E. Cap. Street. LL. B., Columbian University.
Fouse, George Congdon	D. C....	712 7th Street, S. E. Ph. B., Yale University. C. E., Yale University LL. B., Columbian University.
Frost, Claude Schurz	N. Y....	Dep't of Justice. LL. B., Columbian University.
Gale, William Holt	N. Y....	1303 N Street. Ph. B., Yale University.
Glover, L. K. C.	Va.	1731 13th Street. LL. B., Columbian University.
Green, Henry Duncan, Jr. ...	Ala....	1705 M Street. LL. B., Columbian University.
Griswold, Stewart C.	Mich....	1403 H Street. LL. B., Columbian University.
Hartmann, Charles.	Mich....	932 O Street. LL. B., Columbian University.
Hawkesworth, Alfred T.	N. H....	910 I Street. LL. B., Columbian University.

Name.	State.	Address.
Hill, Joseph C.....	Va.	
Hume, Robert Scott.....	Va.	1235 Mass. Avenue. A. B., Yale University.
Husted, Glenn Edward.....	Mich. ...	Dep't of Justice. LL. B., Columbian University.
Ion, Theodore P...	D. C....	28 2d Street, S. E. LL. B., Paris; Juris. D., Catholic University of America.
Kennedy, William G.....	W. Va.	495 H Street, S. W. LL. B., University of West Virginia.
Kline, Aubrey J.....	Va.	1126 8th Street. LL. B., Columbian University.
Kodera, Kenichi.....	Japan..	617 H Street.
Langley, John W.....	Ky.	420 6th Street. LL. B., Columbian University.
Lieuallen, Thomas T.....	Mo. ...	910 I Street. LL. B., Columbian University.
Mather, Franklin Davis.....	Cal.	414 6th Street.
McClure, James B.....	Iowa....	154 A Street, N. E. LL. B., Columbian University.
McHarg, Ormsby.....	N. Dak.	1534 22d Street. LL. B., University of Michigan.
McMullen, Adam.....	Neb.	1406 S Street. A. B., University of Nebraska. LL. B., Columbian University.
McRoberts, Charles Gregory...	D. C....	302 C Street. LL. B., Columbian University.
Owen, Charles Wesley	Mich. ...	726 12th Street. LL. B., Columbian University.
Parkes, George P	N. D....	1013 L Street. LL. B., Columbian University.
Patterson, Alvah W.....	Oreg ...	223 7th Street, N. E. LL. B., Columbian University.
Peppers, David J.	Ill.	1012 14th Street.
Peyser, Julius I.....	D. C....	1314 7th Street. LL. B., Georgetown University.
Pierce, Harry Alleman.....	D. C....	610 R Street. LL. B., Columbian University.

SCHOOL OF JURISPRUDENCE AND DIPLOMACY. 23

Name.	State.	Address.
Raines, Benjamin F.	Va.	802 11th Street. LL. B., National University.
Rask, H. G.	N. Y....	The Dewey. LL. B., Georgetown University.
Rohrbach, Howard Lemon.	Pa.	1209 Q Street. LL. B., Columbian University.
Rowland, Hugh Blaek.	D. C....	2115 California Ave. LL. B., Georgetown University LL. M., Georgetown University.
Ruoff, Henry Woldmar.	Mass....	811 9th Street. A. B., University of Indiana. Harvard University, 1861-1891.
Shockley, William Thomas.	Ga.	1130 12th Street. A. B., North Georgia Agricultural College.
Smith, Clarence B.	Mich....	805 A Street, S. E. M. S., Michigan Agric'l College.
Spaulding, John Cecil.	Mich....	1637 R Street. A. B., University of Michigan. LL. B., Columbian University.
Stallecup, James A.	Mo.	1403 H Street. LL. B., Columbian University.
Summers, Thomas M.	Ohio....	1757 Madison Street.
Towson, Richard M.	Va.	1122 Vermont Ave. LL. B., Columbian University.
Twinn, Clark Jamea.	N. Y....	1722 15th Street. LL. B., Columbian University.
Tysowski, Joseph G.	D. C....	1431 R. I. Avenue. LL. B., Columbian University.
Vieth, Henry A.	Wis....	Agricultural Dep't. LL. B., Columbian University.
Walters, Harris A.	Ill....	The Dewey. LL. B., Georgetown University.
Wells, Albert Coulter.	Pa.	1203 11th Street. LL. B., Columbian University.
West, Goldsmith Bernard.	D. C....	Washington Times. LL. B., Georgetown University. LL. M., Georgetown University.
Westcott, Charles Drake.	Pa.	1414 20th Street. LL. B., Columbian University.

Name.	State.	Address.
Wheeler, Levi Woodbury	D. C....	518 M Street. L.L. B., Columbian University.
Wyman, Bayard.....	Mich...	222 3d Street. L.L. B., University of Michigan.

Special Students.

Name.	State.	Address.
Baker, Dwight Wood.....	R. I....	1906 H Street. A. B., Brown University.
March, Alden.....	N. Y...	1421 K Street.

Recapitulation.

Second, or Senior Year.....	46
First, or Junior Year.....	65
Special Students	2
Total	113



THE COLUMBIAN UNIVERSITY.

THE COLUMBIAN COLLEGE.

THE CORCORAN SCIENTIFIC SCHOOL.

THE SCHOOL OF GRADUATE STUDIES.

THE LAW SCHOOL.

THE SCHOOL OF JURISPRUDENCE AND DIPLOMACY.

THE MEDICAL SCHOOL.

THE DENTAL SCHOOL.

THE COLUMBIAN UNIVERSITY,
WASHINGTON, D. C.

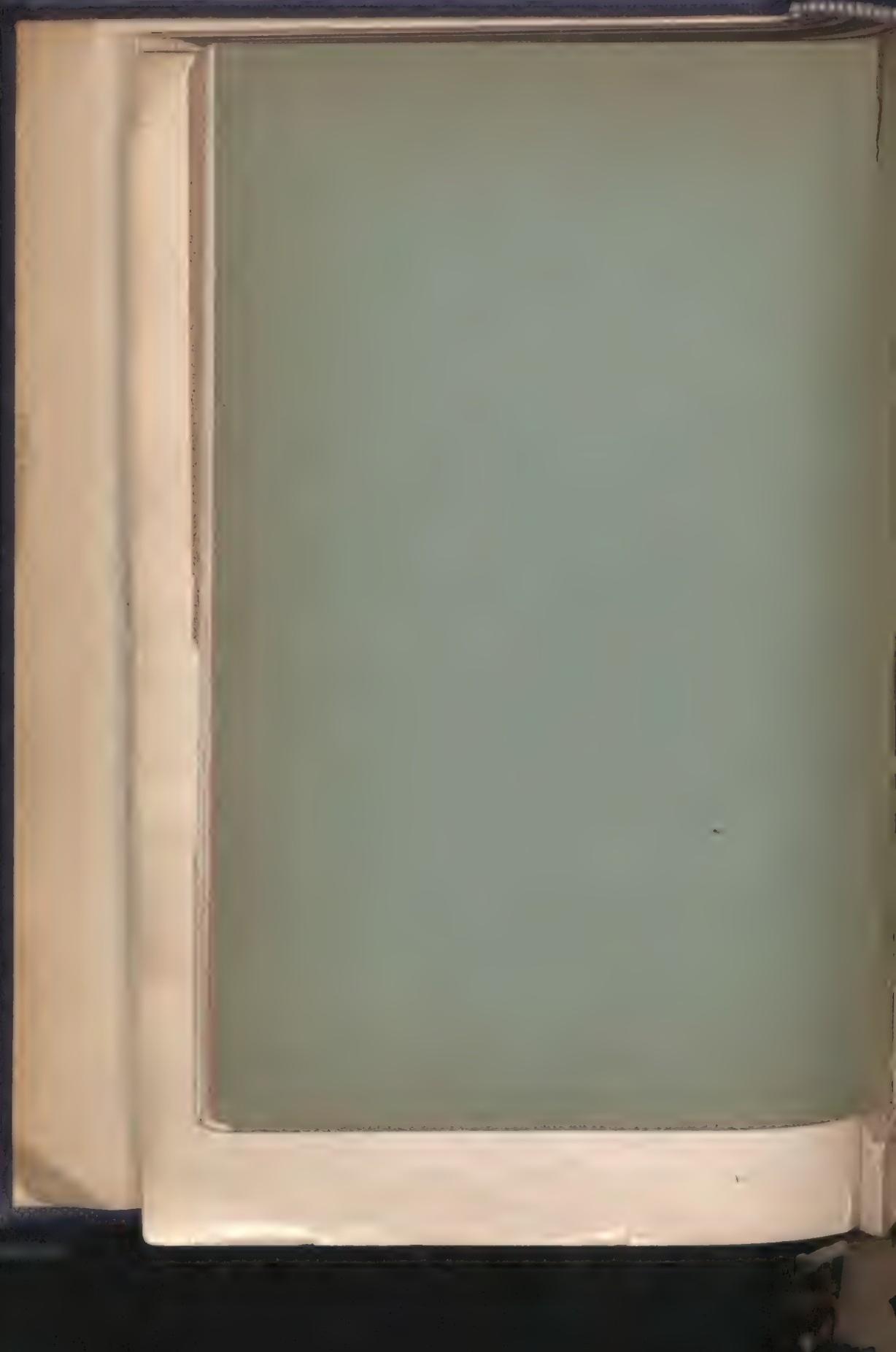
REPORT OF THE TREASURER

FOR THE

YEAR ENDING DECEMBER 31, 1900.



WASHINGTON, D. C.
JANUARY 9, 1901.



THE COLUMBIAN UNIVERSITY,
WASHINGTON, D. C.

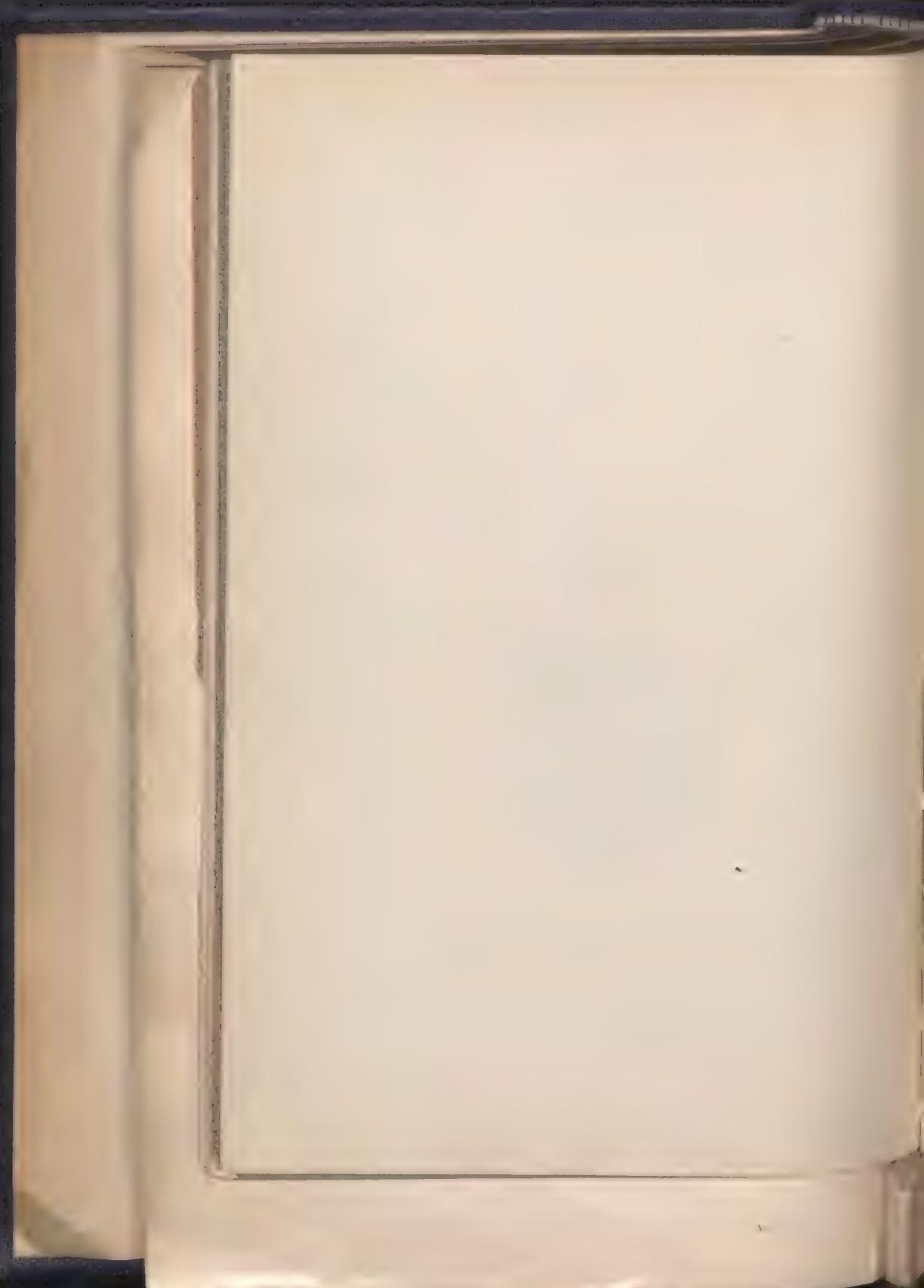
REPORT OF THE TREASURER

FOR THE

YEAR ENDING DECEMBER 31, 1900.



WASHINGTON, D. C.
JUDD & DETWEILER, PRINTERS.
JANUARY 9, 1901.



REPORT OF THE TREASURER.

SCHEDULE "A" is a Detailed Statement of Receipts
and Disbursements.

- " "B," Statement of the Receipts, Disbursements, and Investments of the Scholarship Funds, Corcoran Endowment Fund, and Miscellaneous Investments.
- " "C," Liabilities.
- " "D," Assessed Valuation of Real Estate for Taxation.
- " "E," Table of Insurance.

SCHEDULE "A."

Detailed Statement of Receipts and Disbursements.

COLLEGE.

RECEIPTS.

Tuition fees.	\$4,227 28
Arrears of tuition.	7 00
Matriculation fees.	270 00
Laboratory fees, chemistry.	183 68
Diploma fees.	110 00
Contributions for Sterrett medal.	9 00
Rents, Cutler House.	858 00
One-half net rent Powell House.	771 32
Rent Northwest lots.	383 30
Receipts from Guarantee Fund.	4,313 00
Interest, Elton Fund.	250 00
Interest, Kendall Fund.	262 50
	<hr/> \$11,645 08

DISBURSEMENTS.

Salaries:

A. J. Huntington, in full to September 30, 1900.	\$1,724 94
J. H. Gore, in full to December 31, 1900.	1,840 00
H. L. Hodgkins, in full to December 31, 1900.	1,800 00
J. Macbride Sterrett, in full to December 31, 1900.	1,800 00
Charles E. Munroe, in full to December 31, 1900.	1,800 00
H. Schoenfeld, in full to December 31, 1900.	1,800 00
E. B. Pollard, in full to September 30, 1900.	1,350 00

(5)

M. M. Ramsey, in full to September 30,	
1900.....	\$1,350 00
C. C. Swisher, in full to December 31,	
1900	1,800 00
W. A. Wilbur, in full to December 31,	
1900.....	1,800 00
M. Carroll, in full to December 31, 1900 ..	1,575 00
C. S. Smith, in full to December 31, 1900..	237 50
R. P. Clark, in full to December 31, 1900..	158 33
A. L. Rhoton, in full to June 1, 1900.....	100 00
J. T. Henderson, in full to June 1, 1900 ..	100 00
	— \$19,235 77

Advertising:

Washington Post	\$31 45
Evening Star.....	26 52
	— 57 97

Chemical Laboratory:

Z. D. Gilman	\$192 75
Goodyear Rubber Co	4 50
Chicago Laboratory Supply and Scale Co.	21 36
Whitall, Tatum & Co.	86 80
	— 305 41

Printing:

W. F. Roberts	\$20 00
Judd & Detweiler.....	117 18
	— 137 18

Stationery:

Wm. Ballantyne & Son.....	\$7 50
E. Morrison Paper Co.	1 05
	— 8 55

Expenses Cutler House:	
S. S. Shedd & Bro.....	\$12 25
Water rents.....	51 65
National Metropolitan Bank, insurance interest.....	7 89
Taxes to June 30, 1900.....	99 29
	— 171 08

Expenses, Northwest lots:

Taxes to June 30, 1900...	\$173 29
Special assessments.....	299 87
	— 473 16

Sundries:

Dues to Association colleges.....	\$5 00
The Dial Co.....	2 00
G. Maier.....	24 95
E. B. Pollard, postage.....	2 00
Murray Lyceum Bureau.....	6 25
Karl J. Trübner, for Minerva.....	4 66
F. A. Hutson, for Outing.....	3 75
Woodward & Lothrop.....	25 00
Share of Commencement expenses.....	147 29
Share of electric lighting	89 93
Share of gas lighting.....	184 22
	<hr/> \$495 05
	<hr/> \$20,884 17

CORCORAN SCIENTIFIC SCHOOL.

RECEIPTS.

Tuition fees.....	\$14,808 28
Less amount returned to stu- dents.....	147 50
	<hr/> \$14,660 78
Chemical laboratory fees.....	397 50
Botanical laboratory fees.....	2 00
Assay laboratory fees.....	223 27
Mineralogy laboratory fees.....	41 25
Physical laboratory fees.....	92 23
Deposit fees.....	145 47
Diploma fees.....	50 00
Interest Mary Lowell Stone Scholarship Fund.....	100 00
One-half net rent Powell House.....	771 31
Lecture fees, Prof. Mitchell Carroll.....	61 65
Interest Carter Scholarship Fund.....	250 00
	<hr/> \$16,795 46

DISBURSEMENTS.

Salaries:

H. L. Hodgkins, in full to December 31,	
1900.....	\$2,286 67
C. E. Munroe.....	1,616 63
H. Schoenfeld.....	508 02
H. King	62 10
G. P. Merrill.....	339 43
A. F. Craven	182 98
L. Amateis.....	59 94
E. Farquhar.....	94 36
F. A. Wolff.....	570 74
F. Lamson-Scribner.....	56 64
J. C. Hornblower.....	201 94
E. B. Pollard.....	114 72
M. M. Ramsey.....	968 87
W. A. Wilbur.....	1,186 44
A. R. Spofford.....	232 10
H. L. Rice.....	140 94
G. Ayres.....	264 87
B. A. Dunn.....	87 43
H. A. Pressey.....	574 04
E. L. Thurston.....	360 55
W. F. Dales.....	213 79
H. Presnell.....	232 08
W. P. Cutter.....	232 08
E. A. Muir.....	279 82
E. H. Meyer.....	107 70
R. Saver.....	13 64
P. Bartsch.....	107 45
T. F. Laist.....	184 99
M. Carroll.....	131 04
E. N. Kirby.....	25 50
W. E. Priest.....	4 40
T. A. Williams.....	49 04

	\$11,470 97

Advertising:

Washington Post.....	\$29 90
Evening Star.....	28 08

	57 98

Deposits returned:

Norman Underwood.....	\$10 00
R. G. Smith.....	6 69
J. D. Reed.....	1 31
	<hr/> \$18 00

Printing:

W. F. Roberts.....	\$11 75
Judd & Detweiler.....	197 84
	<hr/> 209 59

Assay Laboratory:

J. Maury Dove.....	\$38 28
J. B. Lambie	2 80
Richards & Co.....	105 06
Eimer & Amend	72 60
Columbian University, expressage	3 54
	<hr/> 222 28

Botany Laboratory:

Columbian University, expressage	35
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Mineralogy Laboratory:

Columbian University, expressage	\$0 39
Eimer & Amend	18 36
	<hr/> 18 75

Chemical Laboratory:

Baker & Co	\$4 49
Columbian University, expressage	1 85
G. F. McAvoy	6 20
Merek & Co.....	25 04
Dulin & Martin Co.....	1 34
	<hr/> 38 92

Zoölogy Laboratory:

P. Bartsch	1 60
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Physical Laboratory:

Queen & Co.....	\$62 40
John Lober.....	17 50
L. E. Knott Apparatus Co.....	8 70
Ziegler Electric Co.....	56 32
J. G. Biddle.....	12 82
	<hr/> 157 74

Mechanical engineering:

Cassier's Magazine	\$2 50
Tablet & Ticket Co.....	75
W. H. Lowdermilk & Co.....	28 65
J. L. Robertson & Co.....	10 00
Columbian University, expressage	70
G. Ayres	2 75
Western Society of Engineers.....	1 50
Locomotive Engineering.....	3 40
J. Jones & Son Co.....	7 40
Gas Engine Publishing Co.....	3 70
F. A. Schmidt.....	7 98
Barber & Ross	13 10
	— \$82 43

Stationery :

Wm. Ballantyne & Sons.....	\$19 50
E. Morrison Paper Co.....	7 50
E. A. Wright.....	13 98
	40 98

Sundries:

Library Bureau.....	\$4 00
Columbian University, expressage, etc..	38 02
W. Andrew Boyd.....	5 00
H. L. Hodgkins, postage.....	10 00
Woodward & Lothrop.....	43 15
P. A. Steele.....	5 00
W. H. Lowdermilk.....	4 00
McMillan Co.....	10 00
F. A. Schmidt.....	5 00
N. E. Supply Co.....	58 25
U. S. Electric Lighting Co., lamps.....	8 20
John C. Raw.....	50 33
Welsbach Company.....	13 00
Merchants Parcel Delivery Co.....	5 00
C. A. Muddiman & Co.....	1 80
W. H. Hoeke.....	36 00
G. F. McAvoy	8 80
C. G. Storm.....	16 00
E. F. Brooks Co.....	3 90
T. W. Smith.....	52 84
Barber & Ross	2 35

Share of fuel	\$317 42
Share of electric lighting	230 42
Share of gas lighting	245 66
Share of Commencement expenses.	52 77
	—————
	\$1,226 91
	—————
	\$13,546 50
	—————

GRADUATE SCHOOL.

RECEIPTS.

Tuition fees.....	\$2,700 75
Less amount returned to students	85 00
	—————
	\$2,615 75
Arrears of tuition	145 00
Mineralogy laboratory fees	5 00
Chemical laboratory fees	61 25
Deposit fees.....	63 59
Diploma fees.....	260 00
Matriculation fees.....	460 00
Lecture fees, Prof. Mitchell Carroll.	10 75
Examination fees.....	10 00
	—————
	\$3,631 34
	—————

DISBURSEMENTS.

Salaries:

C. E. Munroe, in full to December 31, 1900.	\$552 68
J. H. Gore.....	16 88
D. K. Shute	45 00
H. Schoenfeld	59 37
J. M. Sterrett	118 12
F. H. Bigelow	22 50
G. P. Merrill	39 66
H. L. Hodgkins	33 75
E. Farquhar	33 75
F. A. Wolff	142 96
F. Lamson-Scribner.....	15 75
M. M. Ramsey.....	171 88

A. F. Craven	\$118 12
E. B. Pollard.....	56 25
C. C. Swisher.....	50 62
W. A. Wilbur.....	106 88
G. Ayres	126 56
H. L. Rice.....	33 75
M. Carroll.....	73 12
H. A. Pressey.....	270 00
C. W. Needham.....	6 66
	----- \$2,094 26

Advertising:

Graduate Hand Book, M. W. Lyon, Jr...	\$12 50
Washington Post.....	14 95
Evening Star	12 48
	----- 39 93

Printing:

W. F. Roberts	\$19 75
Judd & Detweiler.	115 57
	----- 135 32

Chemical Laboratory:

Z. D. Gilman	\$203 06
Eimer & Amend.....	22 50
	----- 225 56

Stationery:

E. A. Wright.....	10 75
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Sundries:

Mitchell Carroll, postage	\$2 00
Charles E. Munroe, postage	5 00
Jacob Fussell Company.....	21 00
Columbian University, expressage, etc...	5 00
Share of Commencement expenses.	213 45
	----- 246 45
	----- \$2,752 27

LAW SCHOOL.

RECEIPTS.

Tuition fees	\$22,543 00
Less amount returned to stu- dents.....	40 00
	—————
Receipts from oratory fees	\$22,503 00
Less amount returned to stu- dents.....	270 00
	—————
Library fees	886 60
Less amount returned to stu- dents.....	10 00
	—————
Diploma fees	880 60
Arrears of tuition.....	232 00
	—————
	10 00
	—————
	\$23,885 60

DISBURSEMENTS.

Salaries:

W. S. Cox, in full to December 31, 1900..	\$3,375 00
J. M. Harlan	3,375 00
D. J. Brewer.....	1,687 50
W. A. Maury.....	3,375 00
A. C. Bradley	1,125 00
W. G. Johnson.....	1,125 00
M. Church.....	650 00
W. F. Mattingly.....	250 00
C. W. Needham.....	2,250 00
W. C. Clephane.....	150 00
F. H. Stephens.....	150 00
E. C. Brandenburg.....	150 00
C. R. Dean	150 00
C. D. Westcott.....	287 50
W. E. McClure.....	30 00
	—————
	\$18,130 00

Advertising:

Washington Post	\$16 45
Evening Star.....	14 04
	—————
	30 49

Printing:	
W. F. Roberts.....	\$40 75
Judd & Detweiler.....	140 59
	<hr/>
	\$181 34
Oratory:	
Channing Rudd.....	75 00
Law prizes:	
A. Rhett Stuart.....	\$100 00
T. W. Alexander.....	40 00
D. P. Dilworth.....	30 00
	<hr/>
	170 00
Stationery:	
E. A. Wright	8 50
Law Library:	
George Maier.....	\$0 75
Harry Falkenaw.....	1 50
Stump & Steurer	1 00
Law Reporter Company.....	18 00
Baker, Voorhis & Co.....	10 00
E. Morrison Paper Company.....	5 88
Barber & Ross.....	75
W. F. Roberts.....	3 50
West Publishing Co.....	258 75
Remick-Schilling Co.....	11 00
Bancroft-Whitney Co.....	20 00
Edward Thompson Co.....	18 00
W. H. Lowdermilk & Co.....	91 85
Expressage	89
Channing Rudd, salary.....	150 00
J. Henry Altschu, salary.....	60 00
	<hr/>
	651 87
Sundries:	
Share of Law Hall expenses	2,523 58
Columbian University.....	40
Share of Commencement expenses.....	177 09
Share of electric lighting	39 38
	<hr/>
	\$21,987 63

SCHOOL OF COMPARATIVE JURISPRUDENCE AND
DIPLOMACY.

RECEIPTS.

Tuition fees.....	\$6,605 00
Less amount returned to students.....	20 00
	<u>\$6,585 00</u>
Arrears of tuition.....	10 00
Diploma fees.....	830 00
Sales of lectures.....	137 80
	<u><u>\$7,562 80</u></u>

DISBURSEMENTS.

Salaries:

Charles W. Needham, in full to December 31, 1900.....	\$562 50
John M. Harlan.....	1,125 00
D. J. Brewer.....	562 50
John W. Foster.....	1,000 00
David J. Hill.....	1,000 00
J. F. Johnson.....	1,427 92
W. Van Devanter.....	500 00
M. A. Knapp.....	500 00
E. H. Stroebel.....	704 00
John Barrett.....	30 00
W. W. Howe.....	750 00
C. C. Swisher.....	75 00
J. W. Holcombe.....	37 50
Chas. R. Dean.....	150 00
Chas. D. Westcott.....	287 50
	<u>\$8,711 92</u>

Advertising:

Washington Times.....	\$4 80
Washington Post.....	19 40
Evening Star.....	15 60
	<u>39 80</u>

Printing:

Judd & Detweiler (includes share of catalogues)	\$1,267 67
W. F. Roberts	6 50
	— \$1,274 17

Stationery:

Easton & Rupp	\$4 15
W. H. Cooper	2 55
J. C. Parker	2 00
E. A. Wright	13 48
	— 22 18

Sundries:

Harper's Weekly	\$14 00
Columbian University, expressage, laundry, etc.	11 75
C. D. Westcott, postage	10 00
Share of Commencement expenses	743 65
Share of Law Lecture Hall expenses	841 20
	— 1,620 60
	— \$11,668 67

MEDICAL SCHOOL.

RECEIPTS.

Tuition fees	\$17,807 43
Sale of old fence	15 00
From Dental School for janitor	180 00
From Dental School, four-sixths net fees	2,274 43
From Columbian University, return of Hospital interest	802 47
From Dental School, four-sixths net infirmary	299 10
	— \$21,378 43

DISBURSEMENTS.

Salaries:

E. A. de Schweinitz	\$1,929 65
J. Ford Thompson	1,429 64
W. W. Johnston	1,429 65

A. F. A. King.....	\$1,429 64
D. W. Prentiss	250 00
D. K. Shute.....	1,429 65
W. P. Carr.....	1,429 64
Walter Reed.....	500 00
F. P. Morgan.....	825 00
E. W. Reisinger.....	25 52
G. N. Acker.....	100 00
G. W. Foster.....	50 00
W. K. Butler.....	50 00
S. Ruffin.....	963 00
E. G. Seibert.....	200 00
H. C. Yarrow.....	50 00
H. L. E. Johnson.....	50 00
T. E. McArdle	50 00
C. W. Richardson.....	100 00
E. L. Tompkins.....	50 00
A. R. Shands.....	50 00
J. Van Rensselaer.....	50 00
W. F. R. Phillips.....	50 00
G. Wythe Cook.....	120 00
W. S. Washburn.....	200 00
A. L. Lawrence.....	25 00
J. B. Nichols.....	75 00
E. E. Morse.....	100 00
James Carroll	275 00
F. R. Hagner.....	100 00
B. F. Tiefenthaler.....	300 00
W. Honesty.....	240 00
R. Hamilton.....	335 00
	————— \$14,261 39

Sundries:

Paid Columbian University deficit of Hos-	
pital.....	\$2,890 48
Share of Commencement expenses.....	247 49
Dean's disbursements.....	2,905 67
	————— 6,043 64
	————— \$20,305 03

DENTAL SCHOOL.

RECEIPTS.

Tuition fees.....	\$5,124 50
Infirmary fees.....	448 66
	<u>\$5,573 16</u>

DISBURSEMENTS.

Salaries:

J. Hall Lewis.....	\$843 38
H. C. Thompson.....	643 38
E. W. Reisinger.....	12 76
S. Ruffin.....	180 00
R. E. L. Hackney.....	225 00
W. H. Trail.....	225 00
B. F. Tiefenthaler.....	50 00
James Carroll.....	50 00
	<u>\$2,239 52</u>

Sundries:

Share of Commencement expenses.....	\$102 99
Payment to Medical School, account janitor.	180 00
Payment to Medical School, $\frac{1}{2}$ net fees....	2,274 43
Payment to Medical School, $\frac{1}{2}$ infirmary fees	209 10
Dean's disbursements	397 63
	<u>3,254 15</u>
	<u>\$5,493 67</u>

HOSPITAL.

RECEIPTS.

From Board of Lady Managers.....	\$715 00
From Superintendent.....	4,096 87
Payment by Medical School	2,604 75
	<u>\$7,416 62</u>

DISBURSEMENTS.

By Superintendent.....	\$8,880 65
------------------------	------------

GENERAL EXPENSE ACCOUNT.

Balance on hand per last report, December
31, 1900. \$2,149 80

RECEIPTS.

Borrowed from National Metropolitan Bank to pay current expenses, Febru- ary 3, 1900	8,000 00
Borrowed from National Metropolitan Bank to pay current expenses, June 30, 1900.	7,500 00
Borrowed from National Metropolitan Bank to pay current expenses, August 1, 1900.	5,000 00
Coreoran Endowment Fund interest.	834 50
Interest on Gore note	2 36
Rent, Columbian Building.	9,891 06
Rent, Martin House, 1719 S street	110 00
Rent, Lucy Knight House, 903 M street ..	556 93
Rent, Lecture halls	415 00
Rent, Widdicombe stables.	3,300 00
B. McC. Leach, damage to property.	83
Medical School, account Hospital deficit.	285 73
	<u>\$38,046 21</u>

DISBURSEMENTS.

Paid demand note of the Treasurer at National Metro-
politan Bank, dated August 1, 1900. \$5,000 00

Salaries:

B. L. Whittman	\$1,249 98
C. W. Holmes	1,500 00
F. M. Allen.	35 00
G. A. Sewell	385 00
C. F. Fuller.	120 50
M. W. Lindsey.	33 55
W. L. Lewis.	540 00

R. T. Harris.....	\$329 00
R. Hawkins	147 74
G. Conway	55 00
Hezek. Randolph.....	17 50
Henry Randolph.....	10 00

	\$4,423 27

Advertising:

Baptist Union.....	\$9 57
Religious Herald.....	15 00
Chautauqua Press.....	8 75
Herald Publishing Co.....	24 00
Press Co.....	22 50
Central Presbyterian.....	5 50
Examiner Co.....	15 00
Watchman Publishing Co.....	8 75
Washington Post.....	102 45
Evening Star.....	106 38
Foreign Mission Journal.....	10 00

	327 90

Interest:

National Metropolitan Bank.....	\$1,517 54
Mutual Benefit Life Insurance Co.....	260 00

	1,777 54

Repairs:

John McGregor.....	\$192 92
National Electrical Supply Co.....	39 98
G. F. McAvoy.....	14 65
C. Schneider's Sons	1 50
National Rubber Roof Paint Co.....	125 00
C. A. Muddiman & Co.....	2 20
Woodward & Lothrop.....	41 35
C. C. Carter	13 70
Zellers & Co	17 13
Haas & Sargeant.....	2 50
Geo. Viehmann & Sons.....	38 29

	489 22

Printing:

Judd & Detweiler.....	\$356 47
W. F. Roberts	5 00

	361 47

Stationery:

Easton & Rupp.....	\$22 13
E. A. Wright	40 75
Wm. Ballantyne & Sons.....	4 00
W. H. Cooper.....	8 55
E. Morrison Paper Company.....	10 35
J. C. Parker	90
	—————
	\$86 68

Widdicombe Stable expenses:

Gaghan & Co.	\$1 50
Mutual Benefit Life Insurance Co.	1,560 00
Taxes to June 30, 1900.	393 84
Provident Life and Trust Co.	2,650 09
F. H. Smith & Sons.	110 00
S. H. Edmonston	42 70
	—————
	4,758 04

Martin House expenses:

Taxes to June 30, 1900.	\$61 35
J. B. Wimer, expenses as agent.....	9 90
	—————
	71 25

Knight House expenses:

Taxes to June 30, 1900.	\$41 32
J. B. Wimer, expenses as agent.....	68 34
	—————
	109 66

Burgdorf lots expenses:

Taxes to June 30, 1900.	40 56
------------------------------	-------

Lecture Hall expenses:

W. L. Lewis	44 00
-------------------	-------

Columbian Building expenses:

J. N. Alexander.....	\$4 75
F. L. Hanvey	155 00
T. W. Power.....	6 25
Taxes to June 30, 1900.	472 01
U. S. Electric Lighting Co.	292 18
Woodward & Lothrop.....	36 50
J. Maury Dove.....	517 50
Water rent.....	53 62
W. B. Moses & Sons.	11 90

W. H. Butler	\$7 10
Rudolph, West & Co	2 80
Tyler & Rutherford, interest	1,204 94
National Metropolitan Bank, interest	580 41
Columbian University.....	8 75
National Electrical Supply Co.....	4 45
Salaries	1,755 00
J. B. Wimer, expenses as agent	175 24
Washington Loan and Trust Co., expenses as agent.....	1,391 67
	\$6,680 07

Sundries:

National Metropolitan Bank, insurance in- terest.....	\$31 56
S. H. Greene, President, traveling ex- penses.....	87 35
Scholarships.....	62 50
Personal taxes to June 30, 1900.....	12 00
Chesapeake and Potomac Telephone Co..	132 25
American Ice Co	33 91
Jackson & Sharpe.....	780 00
Hotel Wellington.....	14 00
Expressage, etc	67 71
W. A. Boyd.....	10 00
J. B. Lambie.....	7 74
B. L. Whitman	15 70
Scott Paper Co.....	12 00
C. M. Columbus.....	207 00
National Metropolitan Bank, check books.	40 00
Woodward & Lothrop.....	25 23
Water rents.....	29 17
Frances Sanders.....	75 00
Postage.....	385 00
Merchants' Parcel Delivery Co.....	15 00
P. A. Steele.....	15 00
Haas & Sargeant	2 00
H. L. Hodgkins.....	12 00
Medical School, refund of interest charged Hospital	802 47
Shoreham Hotel.....	6 25

Instantaneous Fire Alarm Co.....	\$10 00
U. S. Electric Lighting Co.....	3 46
W. L. Lewis	10 00
Sanders & Stayman.....	2 25
G. I. Raybold,.....	44 39
American Surety Co.....	62 50
Share of fuel.....	317 44
W. B. Moses & Sons.....	92 00
J. C. Parker.....	6 00
Share of Commencement expenses.....	25 02
	<hr/> \$3,453 90
	<hr/> \$27,623 56

RECAPITULATION.

Receipts and Disbursements in Each School for Year Ending December 31, 1900.

Balance on hand December 31, 1900,.....	\$2,144.80		
<i>Receipts.</i>			
<i>College.</i>			
Tuition fees.....	\$4,227.38		
Arts of Union.....	7.40		
Mathematical, pros.....	220.00		
Laboratory fees, chemistry.....	188.68		
Laboratory fees, physics.....	110.00		
Contributions Steffert model.....	9.00		
Bent, Carter, House.....	8.88		
Rosé, Powell House.....	77.14		
Kent, Northwood, Ladd.....	98.40		
Groups, committee Fund.....	4,417.00		
Interest, Ladd Fund.....	250.00		
Interest, Kendall Fund.....	292.70		
	11,645.08		
<i>Concord Scientific School.</i>			
Tuition fees.....	\$14,660.78		
Chemical Laboratory fees.....	205.00		
Botanical Laboratory fees.....	2,000.00		
Assay Laboratory fees.....	225.27		
Mining, Assay Laboratory fees.....	41.25		
Physics, Laboratory fees.....	92.25		
Physical fees.....	145.47		
Diploma fees.....	50.00		
Interest, Mary Lowell Stone Scholarship Fund.....	100.00		
Interest, House, Mitchell Carroll Fund.....	771.41		
Interest, House, Mitchell Carroll Fund.....	61.65		
Interest, Carter Scholarship Fund.....	220.00		
	16,795.46		
<i>Expenditures.</i>			
<i>College.</i>			
Salaries.....	\$10,256.77		
Advertising.....	52.95		
Chemical laboratory.....	307.41		
Printing.....	1.75		
Scholarships.....	1,750.00		
Expenses Office, Hodges.....	171.08		
Expenses Northwest letter.....	473.10		
Sundries.....	396.95		
	\$20,884.17		
<i>Concord Scientific School.</i>			
Salaries.....	\$11,470.76		
Advertising.....	52.95		
No posts or turned.....	18.90		
Printing.....	260.39		
Assay laboratory.....	222.28		
Mining laboratory.....	75.00		
Physics laboratory.....	18.75		
Chemical laboratory.....	38.92		
Botany laboratory.....	1.60		
Physics, laboratory.....	176.74		
Mechanized engineering.....	82.43		
Sundries.....	40.48		
	1,225.91		

Graduate School

Tuition fees	\$2,615.75
Accrues of tuition	115.00
Miners' Laboratory fees	5.00
Chemical Laboratory fees	61.25
Deposits for	60.00
Liaison fees	200.00
Matronization fees	10.00
Lectures, Prof. Carroll	10.75
Examination fees	10.00
	5,631.34

Law School

Tuition fees	\$22,363.00
Re-ops.-Tuition Cratery	200.00
Literary fees	880.00
Drama fees	372.00
Accrues of tuition	10.00
	23,885.00

School of Dentistry

Tuition fees	\$6,085.00
Armed Education	10.00
Library fees	820.00
Books or lectures	137.80
	7,042.80

Medical School

Receipts	21,378.44
Roompts.	5,573.11
Hospital	7,416.62
Receipts .....	.....

Graduate School

Salaries	\$2,004.36
Adv. Testing	39.93
Printing	145.12
Charitable Charities	255.36
Studies	110.75
Scholarships	240.45
	2,752.27

Recapitulation—Continued.

<i>General Expense Account</i>	
Borrowed from National Metropolitan Bank.....	\$20,740.00
Bank.....	834.50
Congressional Endowment Fund, interest.....	2.36
Interest on trust note.....	9,891.06
Rent, Columbian Building.....	110.00
Rent, Martin House stable.....	563.93
Rent, Knight House.....	415.00
Rent, Lecture Halls.....	3,390.00
Rent, Whitecomb's studio.....	83
B. M. Beach, damages.....	286.73
Medical School, Hospital deficit.....	

<i>General Expenses Account</i>	
Salaries.....	\$4,423.27
Advertising.....	325.90
Interest.....	1,375.54
Rebates.....	488.22
Paid National Metropolitan Bank note.....	5,000.00
Printing.....	361.47
Stationery.....	80.68
Washington Stable expenses.....	4,708.64
Martin House, expenses.....	71.25
Knight House, expenses.....	160.69
Buchanan lots, expenses.....	40.56
Lecture Hall, expense.....	44.00
Columbian Building expenses.....	6,680.07
National Metropolitan Bank, insurance.....	31.56
Interest.....	85.35
Sold charters to Corcoran School.....	62.50
Personal taxes.....	129.00
Chesapeake and Potomac Telephone Co.,	132.25
American Ice Co.,	32.91
Jackson A. Sharpe, Law Hill attorney.....	780.00
Hotel Wellington, lunches, Board of Trustees.....	14.00
Expressage, Columbia University.....	65.71
W. A. Beach, director fees.....	10.00
J. B. Lathrop, janitors' supplies.....	7.73
B. L. Whitman, petty expenses.....	15.70
Scott Paper Co., letter paper.....	12.09
C. M. Colcord, dynamite loan (John.....	267.00
National Metropolitan Bank, check book revenue.....	40.00
Wheelwright & Lothrop.....	26.33
Water rates.....	30.17
Frances Schlesier, for services.....	25.00
Postage for offices and catalogues.....	365.00

Merchants' Parcel Delivery Commissions	15.00
P. A. Stroh.....	17.00
Haus & Sargent.....	12.00
H. L. Houghkiss.....	802.47
Motional Standard, interest retarded	
Southern Hotel, lunch, Receipt of Expenses	4.25
Institutional Fire, Marine Co.,	10.00
Lighting Co., lamps,	3.46
W. L. Lewis, Auto, complete, monthly,	10.90
Sanders & St. Omer, Insurance Co.,	2.25
G. L. Raylock, delivering documents,	41.39
American Society, Ca., bonds, Trustee and Registrar,	62.70
Shares of fund,	317.44
W. B. Moses & Sons, class-room chairs,	92.40
J. C. Parker, typewriter, half,	0.00
Share of Committee-meeting Expenses	27.02
Total balance on hand December 31, 1900.....	\$14,934.70
818,046.21	

27

SCHEDULE "B."

MARY LOWELL STONE SCHOLARSHIP FUND.

Receipts:

Interest to November 1, 1900, on note of J. B. Wimer.	\$100 00
---	----------

Disbursements:

Paid to Corcoran Scientific School.....	100 00
---	--------

MARY LOWELL STONE SCHOLARSHIP FUND.

Investment:

Invested in a note of J. B. Wimer, dated May 1, 1899, payable in one year, interest at 5 per cent., payable semi-annually, secured by deed of trust on part of lot 12, square 289, No. 1220 G street.....	\$2,000 00
--	------------

ELTON FUND.

Receipts:

Interest to November 1, 1900, on note of J. B. Wimer.	\$250 00
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Disbursements:

Paid to College	250 00
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ELTON FUND.

Investment:

Invested in a note of J. B. Wimer, dated May 1, 1899, payable in one year, interest at 5 per cent., payable semi-annually, secured by deed of trust on part of lot 12, square 289, No. 1220 G street.....	\$5,000 00
--	------------

WILLIE E. FITCH FUND.

Balance on hand as per last report.....	\$250 67
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Receipts:

Interest to September 26, 1900.....	72 00
-------------------------------------	-------

Cash in bank.....	\$322 67
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WILLIE E. FITCH FUND.

Investment:

Note of Josiah W. McLachlen, trustee of the Security Investment Company, dated September 26, 1891, payable in three years, with interest at 6 per cent. per annum, payable semi-annually, secured by deed of trust on lot 78, square 1008 \$1,200 00

Title transferred to Mutual Real Estate Company.
 Time of payment extended for three years from September 26, 1897.

KENDALL FUND.

Receipts:

Interest to November 1, 1900, on note of	
J. B. Wimer	\$150 00
Interest to November 5, 1900, on note of	
J. W. Hogg.	112 50

	\$262 50

Disbursements:

Paid to College.	262 50

KENDALL FUND.

Investments:

Note of J. W. Hogg (assumed by J. T. Power, now deceased), dated March 31, 1883, on or before five years, at 4 per cent. Secured on lot 31, south grounds of Columbian University (1431 Chapin street) ... \$1,875 00

Note extended for five years from May 5, 1892, at 6 per cent.

Time of payment extended for five years from May 5, 1897, at 6 per cent.

Interest paid to May 5, 1899.

Invested in a note of J. B. Wimer, dated May 1, 1899, payable in one year, at 5 per cent. per annum, payable semi-annually, secured by deed of trust on part of lot 12, square 289, No. 1220 G street ... 3,000 00
 _____ \$4,875 00

COLUMBIAN WOMEN SCHOLARSHIP FUND.

Contribution by Columbian Women, deposited in National Safe Deposit, Savings and Trust Co	\$207 37
Interest on deposit.....	69
Amount in bank.....	\$208 06

CORCORAN ENDOWMENT FUND.

December 31, 1899, balance from fiscal year 1899.....	\$97 74
--	---------

Receipts:

A. M. McLachlen and White, note paid May 8, 1900.....	3,000 00
Interest to September 1, 1900, note of J. H. Lane.....	144 00
Interest to November 5, 1900, note of E. M. Power.....	600 00
Interest to May 8, 1900, note of A. M. McLachlen	90 50

Disbursements:

Paid National Metropolitan Bank on ac- count notes.....	\$3,000 00
Paid to General Fund.....	834 50
Cash balance December 31, 1900 ...	97 74
	\$3,932 24 \$3,932 24

Investments of Commercial Financial Firms.

Miscellaneous Inventions.

Nature	Name of maker.	Date.	Time.	Rate.	Paid value.	Security.	Maturity.	Interest paid to date.	Amount.
Stock—common	Quinsigamond National Nat. Co., Inc.	Oct. 7, 1891	10 days	6 1/2	Quinsigamond Nat. Co., Inc.	Oct. 1, 1890	Oct. 1, 1890	Quinsigamond	\$2,000
stock.....	Pennsylvania Telephone Co.	Oct. 13, 1891	10 days	5 1/2	Subsequently	Oct. 1, 1890	Oct. 1, 1890	Telephone	—

Dognin

SCHEDULE "C."

LIABILITIES.

General Fund.

Demand note of Treasurer, dated January 24, 1898, at 5 per cent., National Metropolitan Bank, for perpetual insurance of \$7,500 on University Hospital, \$5,000 on Cutler House, \$7,500 on Powell House, and \$40,000 on University Hall.....	\$1,862 50
Demand note of Treasurer, dated December 2, 1898, at 5 per cent., National Metropolitan Bank, for \$5,000 perpetual insurance on Columbian Building	1,250 00
Demand note of Treasurer, dated December 2, 1898, at 5 per cent., National Metropolitan Bank, for \$17,000 perpetual insurance on Medical School Building....	640 00
Demand note of Treasurer, dated January 16, 1899, at 5 per cent., National Metropolitan Bank, for \$20,000 perpetual insurance on Law Lecture Hall	500 00
Demand note of Treasurer, dated February 1, 1899, at 5 per cent., National Metropolitan Bank, for general expenses.....	13,400 00
First-mortgage note, held by Provident Life and Trust Co. of Philadelphia, dated December 28, 1897, at 5 per cent. per annum, secured by deed of trust on Widdicombe stables, 1327-1333 H street.....	53,000 00
First-mortgage note, held by Mutual Benefit Life Insurance Co. of Newark, N. J., dated August 1, 1898, five years, at 4 per cent., secured by deed of trust on University and Law Lecture Halls, borrowed to erect Law Lecture Hall, \$38,000; repair University Hospital, \$8,000; pay \$5,000 note held by Fitch, Fox & Brown, lien on Hospital; \$25,000 note held by Cruit	

heirs, lien on Widdicombe stables, and National Metropolitan Bank notes, ac- count Widdicombe purchase	\$90,000 00
Demand note of Treasurer, dated Decem- ber 6, 1899, at 5 per cent., National Met- ropolitan Bank, for general expenses . . .	4,000 00
Demand note of Treasurer, dated Febru- ary 1, 1900, at 5 per cent., National Met- ropolitan Bank, for general expenses . . .	8,000 00
Demand note of Treasurer, dated June 30, 1900, at 5 per cent., National Metropol- itan Bank, for general expenses	7,500 00
	<u>—————</u> \$180,152 60

Corcoran Endowment Fund.

Additional loan on first mortgage, held by Mutual Benefit Life Insurance Company of Newark, N.J., dated February 1, 1900, three years and six months, at 4 per cent., secured by deed of trust on Uni- versity and Law Lecture Halls borrowed to pay \$40,000 at National Metropolitan Bank, account Columbian Building . . .	\$40,000 00
Demand note of Treasurer, dated January 16, 1899, at 5 per cent., National Metro- politan Bank, account construction, Co- lumbian Building	<u>3,661 50</u>
	<u>—————</u> 43,661 50
Total indebtedness	<u>—————</u> \$223,814 10

The above indebtedness may be classified as follows:

Insurance deposits (returnable)	\$4,252 50
General Fund expenses	32,900 00
Law Hall construction	38,000 00
Hospital repairs (includes \$5,000 original trust) . . .	13,000 00
Widdicombe purchase	92,000 00
Columbian Building (temporary loan)	<u>43,661 50</u>
	<u>—————</u> \$223,814 00

Schedule "I"—Annual Valuation of Real Estate.

SCHEDULE "E."—Table of Insurance.

Perpetual.

Date of policy.	Number of policy.	Name of company.	Property insured	Amount	Deposit
1897.					
Nov. 1	5,014	Commercial Union	University Hospital	\$7,300.00	\$187.50
1898.					
Jan'y 5	5,016	" "	Cutter House	5,000.00	125.00
" 6	5,017	" "	Powell Hotel	5,000.00	125.00
" 10	5,019	" "	University Hall	5,000.00	125.00
" 15	116,366	Fire Association		5,000.00	125.00
" 10	20,100	Institute Co. of North America	Deposited w. to Mutual Benefit Life Co.	10,000.00	350.00
" 12	18,111	American	Institute Co. of Newark, N. J.	10,000.00	350.00
" 12	6,616,935	Royal	Columbian Bldg.	10,000.00	350.00
Nov. 4	18,302	American		10,000.00	350.00
" 4	20,266	Ins. Co. of N. A.		10,000.00	350.00
" 4	5,023	Commercial Union		10,000.00	350.00
" 1	116,462	Fire Association		10,000.00	350.00
" 19	20,372	Ins. Co. of N. A.		10,000.00	350.00
" 19	116,433	Fire Association	Medical School	10,000.00	350.00
" 19	5,023	Commercial Union		10,000.00	350.00
1899.					
Jan'y 7	5,025	Commercial Union		10,000.00	250.00
" 7	20,289	Ins. Co. of N. A.	Law Lecture Hall	10,000.00	125.00
" 7	116,687	Fire Association		10,000.00	125.00
				\$147,000.00	\$1,207.50

Term Insurance.

Date of policy.	Number of policy.	Name of company	Property insured	Amount	Policy cash
Nov. 1, '98	21,249	Northwestern National	1719 S Street	\$6,000.00	Nov. 1, 1902
June 11, '98	.....	Queen of N. Y.			
"	.....	American N.Y.	Widdercombe studios	2,000.00	June 11, 1904
"	.....	Washington Prov.		1,000.00	"
"	.....	Firemen's of Baltimore		1,000.00	"
"	.....	Firemen's Fund of S. F.	Deposited with Prudential Life & Trust Co., Phila.	2,000.00	"
"	.....	Pennsylvania		1,500.00	"
Nov. 30, '98	944,709	Colonial	161 M Street	2,000.00	"
July 15, '98	8,221	Home of N. Y.	Lovellies, 154 vols	5,000.00	Nov. 30, 1901
Nov. 20, '98	8,295	Home of N. Y.	Furniture, 134 H	5,000.00	Jan. 1, 1903
Dec. 1, '98	52,577	Fidelity & Casualty Co.	West Elevator Co. furniture	5,000.00	Nov. 20, 1903
June 29, '99	4,065	Travers' Insurance Co.	East Elevator Co. furniture	10,000.00	Dec. 1, 1901
			Bundling	10,000.00	
				\$49,000.00	

REPORT OF AUDITING COMMITTEE.

To the Board of Trustees of the Columbian University.

GENTLEMEN: The Auditing Committee have examined the stocks and notes set forth in the foregoing Report of the Treasurer, stating the investment of the moneys belonging to the various endowment funds, and the miscellaneous securities of the Corporation now in the hands of the Treasurer, and find the foregoing schedules to be correct.

We have also carefully examined the foregoing statements of receipts and expenditures during the year ending December 31, 1900, and balances, and find the same to be correct and to agree with the vouchers.

J. ORMOND WILSON.

W. H. MCKNEW.

M. M. PARKER.

JANUARY 9, 1901.



SECOND ANNUAL REPORT

OF THE

BOARD OF GOVERNORS

OF THE

University Hospital (Columbian),

OF

WASHINGTON, D. C.,

1335 H STREET, N. W.

NOVEMBER 1, 1899, TO OCTOBER 31, 1900.

THE UNIVERSITY HOSPITAL WARD



SECOND ANNUAL REPORT

OF THE

BOARD OF GOVERNORS

OF THE

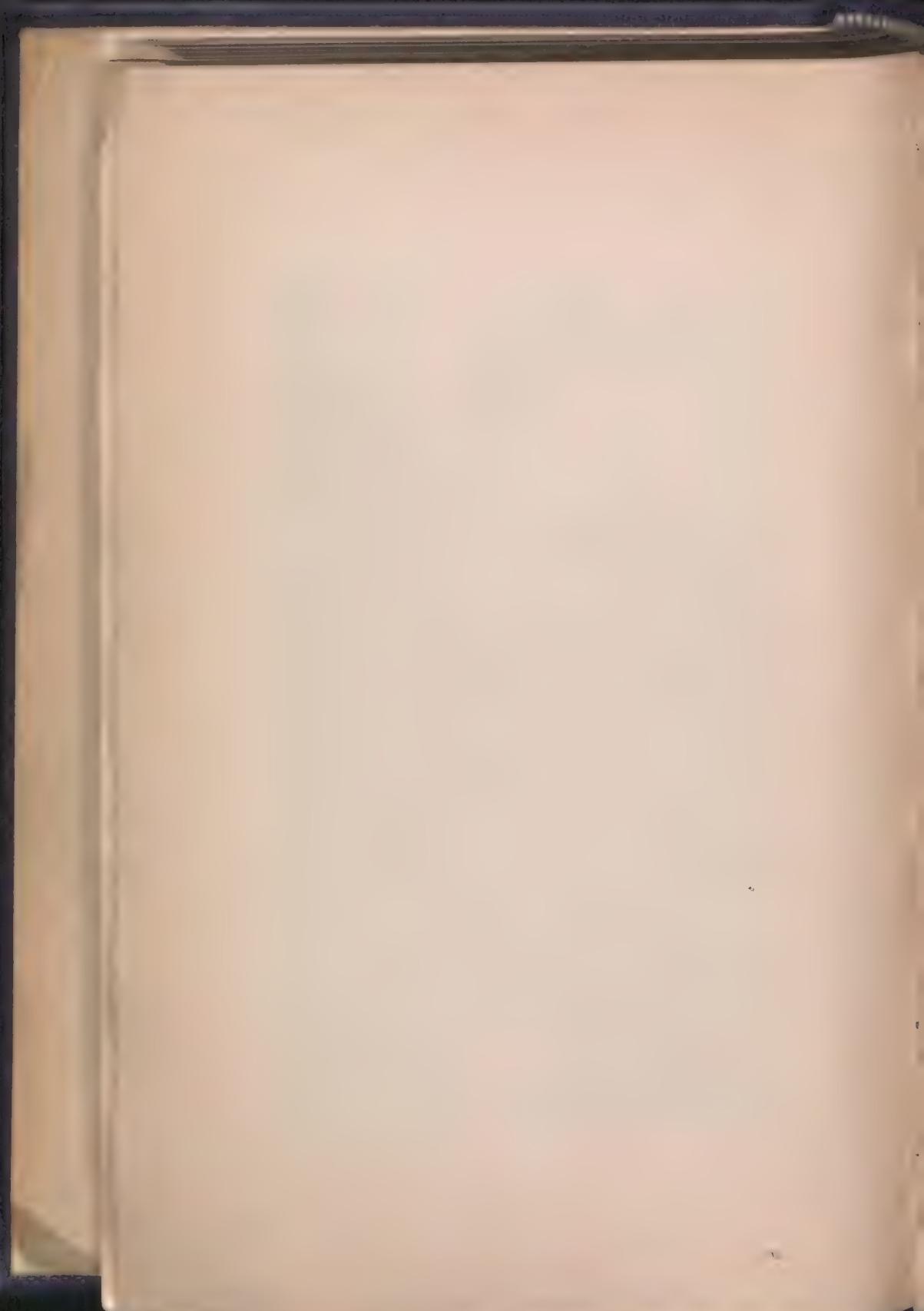
University Hospital (Columbian),

OF

WASHINGTON, D. C.,

1335 H STREET, N. W.

NOVEMBER 1, 1899, TO OCTOBER 31, 1900.



Board of Governors of The University Hospital.

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Rev. S. H. GREENE, D. D., *Vice-President.*

E. A. DE SCHWEINITZ, Ph. D., M. D., *Secretary.*

S. W. WOODWARD, Esq., *Treasurer.*

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J. B. LARNER, Esq.

WILLIAM W. JOHNSTON, M. D.

J. O. WILSON, Esq.

WILLIAM P. CARR, M. D.

D. KERFOOT SHUTE, M. D.

STERLING RUFFIN, M. D.

Committee on Finance.

A. F. A. KING, M. D.

J. B. LARNER, Esq.

E. A. DE SCHWEINITZ, M. D.

Medical Board.

J. FORD THOMPSON, M. D., 804 Seventeenth Street, N. W.

WILLIAM W. JOHNSTON, M. D., 1603 K Street, N. W.

ALBERT F. A. KING, A. M., M. D., 1315 Massachusetts Avenue, N. W.

D. KERFOOT SHUTE, A. B., M. D., 1101 13th Street, N. W.

E. A. DE SCHWEINITZ, Ph. D., M. D., 1023 Vermont Avenue, N. W.

WILLIAM P. CARR, M. D., 1418 L Street, N. W.

STERLING RUFFIN, M. D., 1023 Vermont Avenue, N. W.

Executive Committee of the Hospital and Dispensary.

W. W. JOHNSTON, M. D., *Chairman.*

A. F. A. KING, M. D.

J. FORD THOMPSON, M. D.

G. WYTHE COOK, M. D., Sec'y.

C. W. RICHARDSON, M. D.

Mrs. W. H. HOEKE.

Mrs. FRANK CONGER.

Hospital and Dispensary Staff.

Surgery.

J. FORD THOMPSON, M. D.

Associates: W. P. CARR, M. D., JOHN VAN RENNSELAER, M. D., and JOHN WELLINGTON, M. D., (in Dispensary).

Assistant: F. R. HAGNER, M. D.

Medicine.

WILLIAM W. JOHNSTON, M. D.

Associates: G. N. ACKER, M. D., G. WYTHE COOK, M. D., STERLING RUFFIN, M. D., and T. A. CLAYTOR, M. D. (in Dispensary).

Assistants: B. L. HARDIN, M. D., and THOMAS DOWLING, M. D.

Obstetrics and Gynecology.

A. F. A. KING, M. D.

Associates in Gynecology: H. L. E. JOHNSON, M. D., and J. WESLEY BOVÉE, M. D.

Assistants: H. S. MEDFORD, M. D., V. B. JACKSON, M. D., and J. E. JONES, M. D.

Associate in Obstetrics: E. E. MORSE, M. D.

Diseases of the Eye.

D. K. SHUTE, M. D. Associate: W. K. BUTLER, M. D.

Assistant: F. H. NEWELL, M. D.

Diseases of the Throat and Ear.

C. W. RICHARDSON, M. D.

Assistant: F. P. MORGAN, M. D.

Diseases of the Skin.

H. C. YARROW, M. D. Associate: R. B. CARMICHAEL, M. D.

Diseases of Children.

T. E. MCARDLE, M. D. Assistant: FRANK LEECH, M. D.

Orthopedic Surgery.

A. R. SHANDS, M.D.

Diseases of the Nervous System.

E. L. TOMPKINS, M. D., and STERLING RUFFIN, M. D.

Assistant: A. L. LAWRENCE, M. D.

Genito-Urinary Diseases.

T. R. STONE, M. D. Assistant: W. T. BURCH, M. D.

Clinical Laboratory.

E. A. DE SCHWEINITZ, M. D.

Associates: JAMES E. CARROLL, M. D., and V. B. NICHOLS, M. D.

Pathologist.

WALTER REED, M. D., U. S. A.

Assistant: L. W. GLAZEBROOK, M. D.

Superintendent.

Miss A. G. ODELL.

Resident Physicians.

T. B. DIXON, M. D.

J. L. RIGGLES, M. D.

Pharmacist.

W. J. ROBEY.

Board of Lady Managers.

President.

Mrs. W. H. HOEKE.

Vice-Presidents.

Mrs. CHAS. J. BELL.

Mrs. WALBRIDGE.

Recording Secretary.

MISS HELEN WOODWARD.

Corresponding Secretary.

Mrs. WILLIAM A. WILBUR.

Treasurer.

Mrs. FRANK B. CONGER.

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Mrs. W. K. BUTLER	1207 M Street.
Mrs. J. WESLEY BOYLE	1404 H Street.
Miss C. W. BORDEN	Washington Barracks.
Mrs. A. GRAHAM BELL	1331 Connecticut Avenue.
Miss MARGARET BREWER	1312 Thirty-first Street.
Miss C. V. R. BERRY	1512 H Street.
Miss EUGENE BYRNES	2539 Thirteenth Street.
Mrs. HORATIO BIGELOW	1916 N Street.
Mrs. GEO. BARRIE	1629 Fourteenth Street.
Mrs. G. H. BROWN	1357 Roanoke Street.
Mrs. MONCURE BURKE	1802 Wyoming Avenue.
Mrs. G. WYTHE COOK	3 Thomas Circle.
Mrs. FRANK CONGER	1141 New Hampshire Avenue.
Mrs. CLEMONS	1443 Corcoran Street.
Mrs. W. P. CARR	1418 L Street.
Mrs. CRANFORD	1532 Park Street.
Mrs. MITCHELL CARROLL	The Cairo.
Mrs. SAMUEL DAVIS	The Portland.
Mrs. CLARENCE DUFOUR	1016 Fourteenth Street.
Mrs. SHEPHERD EVERETT	903 S Street.
Mrs. NATHANIEL FRANCIS	58 W. Fifty-Eighth Street, New York City.
Miss HANNAH POLKINHORN	2432 Pennsylvania Avenue.
Mrs. HENRY POLKINHORN	1533 P Street.
Mrs. D. S. FOSTER	19 Iowa Circle.
Mrs. S. H. GREENE	1320 Q Street.
Mrs. L. W. GLAZEBROOK	2022 P Street.
Mrs. CHAS. GOULD	1617 Thirteenth Street.
Mrs. ROBERT GUNNELL	1765 Q Street.
Mrs. J. HOWARD GORE	237 R Street, N. E.
Mrs. W. A. HOEKE	336 C Street.
Miss ANNA HAZELTON	1215 Ninth Street.
Mrs. H. L. HODGKINS	1830 T Street.
Mrs. GARDINER HUBBARD	Twin Oaks, D. C.

MRS. WALTER HARBAR	1212 Massachusetts Avenue.
MRS. HORNBLOWER	2030 Hillyer Place.
MRS. A. F. A. KING	1315 Massachusetts Avenue.
MRS. J. HALL LEWIS	1724 R Street.
MRS. FRANK LEECH	1715 Fourteenth Street.
MRS. MARY LANE	Glen Carlyn, Va.
MRS. W. H. MCKNEW	1322 Q Street.
MISS MAE McCUALEY	220 B Street, S. E.
MRS. F. P. MORGAN	1230 Ninth Street.
MRS. MAIN	2009 Massachusetts Avenue.
MRS. O. A. MCKIMMIE	1342 Rhode Island Avenue.
MRS. MANNERING	Baltimore, Md.
MRS. F. J. MORGAN	New York City.
MRS. PHILIP MAURO	1616 Twenty-second Street.
MRS. D. W. PRENTISS	Corner L and Fourteenth Streets.
MRS. M. M. PARKER	1020 Vermont Avenue.
MRS. PORTNER	1104 Vermont Avenue.
MRS. PAYSON	1229 Massachusetts Avenue.
MRS. C. W. RICHARDSON	1102 L Street.
MRS. MASON RICHARDSON	1846 Wyoming Avenue.
MRS. J. VAN RENSSELAER	2 Thomas Circle.
MRS. H. SHOENFELD	1337 Twenty-second Street.
MRS. A. R. SHANDS	1328 New York Avenue.
MRS. D. K. SHUTE	1101 Thirteenth Street.
MRS. T. RITCHIE STONE	1345 F Street.
MRS. SHALLENBERGER	Reform School, Bladensburg Road.
MRS. H. C. THOMPSON	118 E Street.
MRS. J. FORD THOMPSON	804 Seventeenth Street.
MRS. ELLEN TINKER	818 Fourteenth Street.
MRS. TRUE	1322 Yale Street.
MRS. HORATIO TAPLIN	The Lennox, Sixteenth and L Streets.
MRS. TYSSOWNEK	1311 Rhode Island Avenue.
MISS HELEN WOODWARD	2015 Wyoming Avenue.
MRS. W. J. WASHBURN	1223 M Street.
MRS. WILLIAM A. WILBUR	1819 Riggs Place.
MRS. B. L. WHITMAN	1828 Wallace Street, Philadelphia.
MRS. JOSEPH WASHINGTON	1775 Massachusetts Avenue.
MRS. WALBRIDGE	1731 Q Street.
MISS FRANK WOLFFE	1419 R Street.
MRS. B. P. WATROUS	818 Fourteenth Street.
MRS. H. C. YARROW	814 Seventeenth Street.

Report of the President.

TO THE BOARD OF GOVERNORS
OF THE COLUMBIAN UNIVERSITY HOSPITAL:

GENTLEMEN :

In this second Annual Report of the University Hospital it will be seen by the statement of the Resident Physician that there have been admitted to the Hospital during the year (from November 1, 1899, to October 31, 1900) 229 patients; 182 having been treated in the wards, and 47 in private rooms. To the Dispensary there have been about 1,000 admissions.

Finance.—By the Report of the Treasurer, Mr. S. W. Woodward, it will be seen that the total receipts during the year from November 1, 1899, to October 31, 1900, were \$6,396.06. Of this sum \$1,370.06 were received from pay-patients; \$65.00 from the Board of Lady Managers; \$1.00 from the Columbian Women; and \$1,000.00 annual contribution from the Medical School. The disbursements during the same period were \$459.73, leaving a deficit of \$2,114.67. This last sum does not include the further deficit of \$1,380.18 for the previous year ending October 31, 1899. This total deficit of (\$1,380.18 + \$2,114.67 = \$3,494.85 from the opening of the Hospital until October 31, 1900), has been paid, in part, by the Medical Faculty, in part, by the University generously refunding the sum of \$494.00 paid by the Hospital last year for interest on loan and mortgage, and a part—\$1,618.53—still remains unpaid. These facts appear more exactly in the following cash statement kindly furnished, at my request, by Mr. Chas. W. Holmes, the Registrar of the University:

CASH STATEMENT,

UNIVERSITY HOSPITAL (COLUMBIAN),
From opening to October 31, 1900.

(1) Receipts from opening to October 31, 1899, including \$1,000, from Medical School	} \$10,016.62
(2) Disbursements during same period	<u>11,396.80</u>
Deficit	<u>\$1,380.18</u>
(3) Receipts from November 1, 1899, to May 31, 1900, including \$1,000 from Medical School	} \$4,580.28
(4) Disbursements for same period	<u>4,789.42</u>
Deficit	<u>209.14</u>
Total deficit to May 31, 1900	<u>\$1,589.32</u>

Credits.

By interest on loan of \$13,000 returned by University (\$5,000 mortgage on Hospital building, and \$8,000 borrowed to remodel Hospital)	} \$494.00
By cash from Medical School	<u>1,352.32</u>
Overpaid	<u>\$257.00</u>

*Records unavoidably incomplete.

(This overcharge came about by inadvertently including in line (4) another item of interest which should have been charged to the University.)

(5) Receipts from June 1 to October 31, 1900	\$1,755.78
(6) Disbursements during same period	3,661.31
Deficit	\$1,905.53
Less amount overpaid above	257.00
Present deficit	\$1,648.53

From the report of the Superintendent, Miss A. G. Odell, it will be seen that there has been received from patients in private rooms, during the year, \$3,042.73, from the wards \$1,283.77, and from the dispensary \$43.56, total, \$4,370.06. This report also shows that the greater part of this sum, viz., \$3,042.73, was received from the 47 patients occupying private rooms; and also that during the year 116 additional private patients were refused admission for want of accommodation, thus something more than twice as many were turned away as were admitted. In fact the private rooms have been so constantly full that the members of the medical staff have not been able to obtain admission for their own patients, but have had to send them to other hospitals.

While this is extremely gratifying in so far as it relates to the popularity of the hospital and appreciative recognition of its work, it is much to be deplored that additional private rooms by enlargement of the building have not been provided. It is easy to see that such an addition would inevitably lead to a financial surplus in place of the present annually recurring deficit.

From the report of the Treasurer of the Board of Lady Managers, Mrs. Frank B. Conger, it will be seen that this board has turned over to Mr. Woodward, the Treasurer of the University, the sum of \$965.00, and had still at the close of the year an additional balance of \$87.00 in bank, making a total of \$1,052.00 collected by these generous ladies during the year for the benefit of the hospital.

In reviewing the operations of the Institution during the last twelve months, and the duties performed by its various officials, it gives us pleasure to note that all have worked together harmoniously and without friction. To all must we record our grateful appreciation of their valued assistance, but especially to the Board of Lady Managers for their untiring efforts in securing funds and otherwise—in numerous ways—promoting the interests and welfare of the establishment; to the Superintendent, Miss Odell, for her continued faithful services; to the successive Resident Physicians, Drs. Wm. Kraff Ward and T. B. Dixon, and their assistants, as well as to the physicians by whom the dispensary has been carried on, our thanks are preeminently due and most sincerely given.

It should be borne in mind that the chief purpose of this hospital is to provide facilities for improved methods of teaching students in the Medical School of the University, in conformity with the demands of modern medical education throughout the world. In so far as the limited opportunities afforded by so small a hospital have been available, they have been utilized for the purpose indicated. It is plain, however, that these opportunities are inadequate for the large and constantly increasing number of students in the Medical School.

To fully accomplish the purpose for which it was designed, therefore, the hospital needs to be enlarged. This requires money. It was hoped last year that by this time a fund sufficient for this enlargement would have been obtained from outside sources; but while our financial wants have been modestly made known to persons of abundant means, the hope we entertained has not yet been realized; it is a "hope deferred," but not however extinguished.

While it is a matter of common observation that tremendous sums of money are annually given to other departments of learning in educational institutions, and that very little has been devoted to medical education, there is every reason to believe that public interest in medical schools is constantly growing, and that public sentiment is becoming more fully awake to the importance of affording students proper facilities for practical experience before they shall be allowed to graduate and practice for themselves.

The value to the community at large of such improved methods of teaching medicine cannot be overestimated.

That this has been generally recognized is evident from the establishment of State Boards of Examiners, by which the qualifications of medical men, holding diplomas from the medical schools, are tested before they are licensed to practice medicine. The requirements of these Examining Boards has made it incumbent upon the schools to neglect none of the modern methods by which their graduates may become well versed in practical medicine and surgery, and of these methods *bedside instruction in Hospitals* is universally admitted to be the *most important and valuable*; without it no medical school can properly perform its teaching function. During the last few years, it is pleasing to relate, there have been a few princely donations to Hospitals and medical schools. It is hoped others will follow, until the institutions for medical education shall have received their deserved share of the world's benevolence.

To quote from the president of a distant university: "If half the sums annually expended on costly monuments for the dead were devoted to the improvement of medical education, there would be ample compensation for the gift in life prolonged and health preserved—more friends to love in the home and fewer to mourn in the cemetery."

Respectfully submitted,
A. F. A. KING, M. D., President.

Tabulated Report of Cases Treated in the Hospital from
November 1, 1899, to November 1, 1900.

MEDICAL CASES.

	Admitted		Cured		Improved		Unimproved		Died		Remaining	
	M	F	M	F	M	F	M	F	M	F	M	F
Addison's disease.....	2				2							
Alcoholism.....	2				1	1						
Anæmia primary.....	1	1	1	1	1	1						
Ankylosis pseudo.....	1											
Arterio-sclerosis.....		1					1					
Asthma.....												
Carcinoma of kidney.....			1									
Carcinoma of oesophagus.....		1										
Chorea, chronic.....			1	1								
Dilatation and hypertrophy.....			1		1							
Dementia.....	1						1					
Dysentery, catarrhal.....		1										
Enteritis, catarrhal acute.....		1			1							
Enteritis, membranous.....		1										
Fever, enteric.....	12	4	12	3								
Fever, malarial, tertian.....	8			8								
Fibraria sanguinis hematitis.....		1										
Gastro-Intestinal catarrh, chronic.....	2	1										
Hysteria.....	1	1	1									
Indigestion, intestinal.....	1		1									
Influenza.....	3	2	3	3								
Morphomania.....	1	1			1							
Nephritis, parenchymatous chronic.....	2	1			1							
Neurasthenia.....	16	10	6	7	9	2						
Neuritis.....	1	1										
Obstruction.....		1			1							
Paraplegia.....		1			1							
Podagra s. corporis.....		1		1								
Peritonitis, localized.....		2		1	1							
Pleurisy with effusion.....		1		1								
Pneumonia, crepitans.....	1		1									
Porto obstruction from cicatrix.....	1		1									
Progressive muscular atrophy.....	1						1					
Rheumatism, muscular.....	1		1									
Rheumatism, sub-acute.....	1	2	1	1								
Scarlatina.....		1			1							
Tuberculosis, pulmonary, chronic.....	4	11	4	1								
Valvular disease of the heart.....	5	3	3	3	1	1						
Total	62	48	32	21	22	19	3	3	3	4	2	1



THE UNIVERSITY HOSPITAL—OPERATING ROOM.



SURGICAL CASES.

	Admitted		Cured.		Improved.		Unimproved.		Died.		Remaining	
	M	F	M	F	M	F	M	F	M	F	M	F
Abscess, alveolar process	1											
Abscess, external auditory canal	1											
Abscess, face	1											
Abscess, frontal sinus	1											
Abscess, liver	1											
Abscess, neck	1											
Abscess, submaxillary	1											
Adenitis, tubercular cervical	1											
Adenitis, proctological	1											
Adenoma of breast	1											
Alveolitis	1											
Appendicitis	8											
Arthritis	1	2										
Carbuncle, breast	1											
Cataract, senile doubtful	1											
Coma, and laceration of brain	1											
Conjunctivitis, purulent	1											
Cleft palate and lip	1											
Contusions, knee and hip	1											
Cystitis, genito-urinal	1											
Cyst, subcutaneous	1											
Deflected nasal septum	1											
Epistaxis	3											
Erysipelas on face	1											
Fistula in anus	4											
Fracture, Colles	1											
Fracture, ununited	1											
Gangrene diabetic	1											
Hæmorrhoids, external	1											
Hæmorrhoids, internal	1											
Hernia, inguinal	1											
Hydrocele	1											
Hypertrophy prostate	1											
In-growing toe nail	1											
Keratitis from foreign bodies	1											
Osteoma, frontal	1											
Osteomyelitis, tubercular	1											
Panophthalmitis	1											
Phagocytosis, fingers and lymphangitis	1											
Painful stump	1											
Sarcoma of neck	1											
Septicema	1											
Span, ankle	1											
Strabismus, external	1											
Structure, urethral	1											
Tuberculosis, testicle	1											
Ulcer, cornea	1											
Ulcer, indolent, of leg	1											
Ulcer, varicose, of leg	1											
Varicocele	6											
Totals	56	42	43	24	12	5	1	1	3	1	1	1

GYNÆCOLOGICAL CASES.

	Admitted.	Cured.	Improved.	Unimproved.	Died.	Remainin.
Anteflexion, uterus.....	2	1	1	1	0	0
Carcinoma, uteri and double hydro-salpinx.....	1	1	1	1	0	0
Cystic tumor of ovary.....	1	1	1	1	0	0
Dysmenorrhœa and neuralgia.....	1	1	1	1	0	0
Endometritis, acute.....	5	5	5	5	0	0
Endometritis, chronic.....	2	2	2	2	0	0
Fibroids, uterus.....	1	1	1	1	0	0
Hydro-salpinx, double.....	1	1	1	1	0	0
Hematocele, pelvic, ruptured.....	1	1	1	1	0	0
Laceration, cervix uteri.....	5	5	5	5	0	0
Laceration, perineum.....	3	3	3	3	0	0
Polypus, uterus.....	1	1	1	1	0	0
Procidentia uteri.....	1	1	1	1	0	0
Pyosalpinx, double.....	2	2	2	2	0	0
Pyosalpinx and general peritonitis.....	1	1	1	1	0	0
Retroflexion, uterus.....	2	2	2	2	0	0
Total	31	26	2	1	2	0

Total No. of cases treated 229.

SURGICAL OPERATIONS.

OPERATIONS.

DIAGNOSIS.

		Recovered.	Improved.	Unimproved.	Cured.	Died.	Total.
Amputation of leg.....		1		1			2
Amputation of foot.....			1	1			2
Amputation at knee joint.....		1		1			2
Appendectomy.....		6	1	7			14
Castration.....		2		2			4
Cauterization of nasal mucus membrane.....			1	1			2
Cauterization and clamp hemorrhoidal veins.....		3		3			6
Circumcision.....		1		1			2
Curretage.....		6		6			12
Curettetment of bone.....		1		1			2
Curettetment of growth in arm.....		1		1			2
Curettetment of carcinoma.....		1		1			2
Enucleation of eye.....		1		1			2
Extrication of axillary glands.....		2		2			4
Extrication of left testicle.....		1		1			2
Extrication of sebaceous cyst.....		1		1			2
Extrication of tumor.....		1		1			2
Extrication of cervical glands.....		1		1			2
Extrication of bony tumor.....		1		1			2
Extrication of mammary gland.....		1		1			2
Extrication of adenoid growths.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Incision for.....		1		1			2
Herniotomy.....		1		4		4	9
Hysterectomy.....		1		1			2
Hysterectomy and salpingo-oophorectomy.....		1		3		3	7
Osteotomy.....		1					1
Oophorectomy.....			1				1
Application of plaster cast.....		1					1
Peritoneal and trachelorraphy.....		4		4			8
Perineorraphy and ventral fixation.....		1		1			2
Excision and restoration of.....		1		1			2
Excision for fistula.....		4		4			8
Radical cure of varicocele.....		5		5			10
Extraction of crystalline lens.....		1		1			2
Extrication of mammary gland.....		1		1			2
Plastic operation for.....		1		1			2
Removal of nail.....		1		1			2
Removal of foreign body.....		1		1			2
Resection of nerve.....		1		1			2
Reduction and wiring of fracture.....		1		1			2
Reduction and wiring of fracture.....		4		4			8
Salpingo-oophorectomy.....		3		3			6
Trachelorraphy and perineorraphy.....		4		4			8
Tenotomy.....		1		1			2
External urethrotomy.....		1		1			2
Ventral fixation of uterus.....		1		1			2
Whitehead's operation.....		1		1			2
Totals.....		6	8	84	3	93	

Report of the Board of Lady Managers.

During the year just passed current affairs have occupied the attention of the "Board of Lady Managers," without events of unusual importance. "The Thursday Morning Sewing Society" was organized and has done very valuable work — primarily in the additional equipment of the hospital with garments, bed linens, towels for the clinic room, etc., and, secondarily, has proved to be most pleasing and improving socially.

Many women patients having become convalescent and no longer falling within the classes entitled to hospital care, and yet being physically unequal to a return to the conditions of boarding or apartment house life, have been most kindly and hospitably received and entertained by the "Board of the Young Women's Christian Home" in their infirmary. This manifestation of associated philanthropy is most pleasing and deserves the formal thanks of your "Board of Lady Managers," which are hereby most cordially extended.

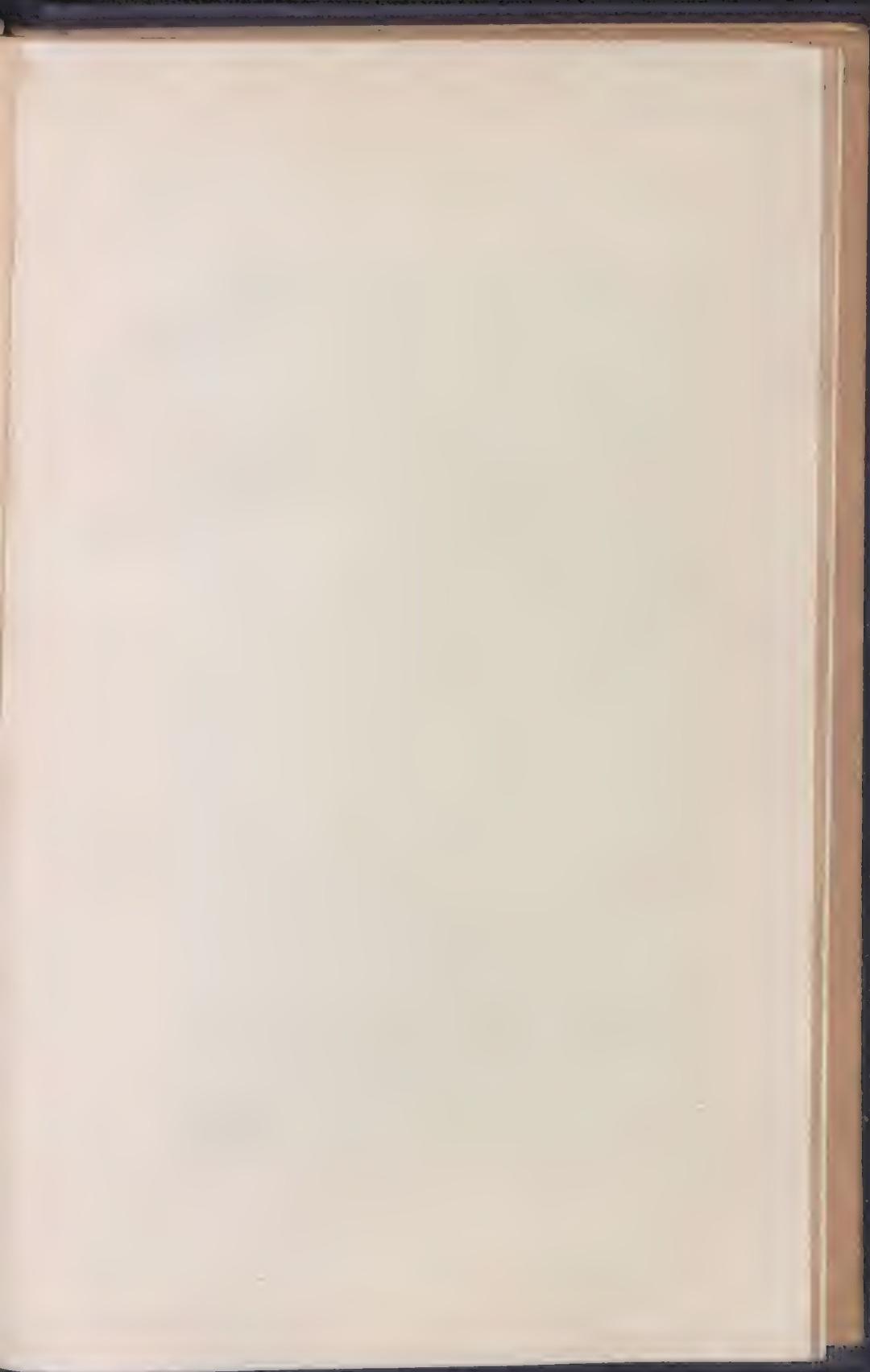
The protracted and extreme heat of last summer fully established the comfort of the hospital under the conditions then prevailing, even in its crowded condition.

The incapacity of the hospital to meet the demand for private rooms has been still more evident than during the previous year: and the necessity of refusing to receive many patients who applied for admission has entailed a loss of available revenue by which the material interests of the institution might otherwise have been greatly increased. It is believed the annual financial deficit could have been prevented if enlarged facilities had been provided.

The President of the "Board of Lady Managers" congratulates the officials of the Hospital in having brought to their assistance so responsive and efficient a body of lady managers. The field of their usefulness is an important one, and their President feels certain that they have left nothing undone in aid of the good work.

Respectfully submitted,

ELIZABETH HOEKE,
President, *Board of Lady Managers.*



THE UNIVERSITY HOSPITAL PRIVATE ROOM.



Report of the Treasurer of the Board of Lady Managers.

Charlotte M. Conger, Treasurer, in account with the Board of Lady Managers of the University Hospital (Columbian), November 4, 1899, to October 31, 1900:

1899-1900.

November 6th. To cash from Amy S. Richardson, Treas.....	\$107.00
Annual dues.....	275.00
Donations and sustaining members.....	616.10
Advanced by Treasurer.....	12.90
Fines.....	41.00
Total.....	\$1,052.00

1899.

December 11th. By check, No. 5, to S. W. Woodward, Treas.. \$450.00

1900.

March 5th, by check, No. 6, to S. W. Woodward, Treas.....	150.00
May 8th, by check, No. 7, to S. W. Woodward, Treas.....	175.00
June 18th, by check, No. 8, to S. W. Woodward, Treas.....	190.00
November 5th, by balance in National Metropolitan Bank.....	87.00

Total..... \$1,052.00

The undersigned report that they have examined the foregoing account, find it correctly cast and properly vouch'd, and that the Treasurer has evidence of funds in her possession amounting to eighty-seven dollars (\$87.00).

ELIZABETH WALBRIDGE,
AMY S. RICHARDSON,
Auditing Committee.

Report of the Superintendent.

TO THE BOARD OF GOVERNORS:

I have the honor of presenting to you the second annual report of the Hospital for the year ending October 31, 1900.

At the close of the first year we were beginning to realize that the Hospital building was inadequate for the work then to be done, and that much of its future success would be dependent upon its capacity. This fact has been verified, when we consider that during the first year—November 1, 1898, to November 1, 1899—fifty-three private patients were refused admission for want of accommodation; during the second year—November 1, 1899, to November 1, 1900—one hundred and sixteen private patients were refused admission for want of accommodation.

At the close of the first year we felt our progress was impeded, but yet we have passed through the second and entered upon the third year with this discouraging future still confronting us.

There has been a large increase of work, principally charitable, thereby necessitating an increase of demands and needs, which have been met, however, with the kindest co-operation.

Receipts from private patients from November 1, 1899, to

November 1, 1900.....	\$3,042.73
Ward patients—male.....	858.98
Ward patients—female.....	424.79
Dispensary	43.56
 Total receipts	 \$4,370.08

I wish to state that the plan of nursing with Columbia and Children's Hospital is still continued with satisfaction.

Respectfully submitted,

ARIZBA GERTRUDE ODELL,
Superintendent.

Report of the Treasurer,

NOVEMBER 1, 1899, TO NOVEMBER 1, 1900.

Receipts:

From the Superintendent.....	\$4,370.06
From the Columbian Women.....	1.00
From the Board of Lady Managers.....	905.00
From the Medical School.....	1,000.00

\$6,336.06

Disbursements:

For Equipment.....	\$14.75
For Salaries.....	2,428.34
For Table Supplies.....	2,980.48
For Household Expenses.....	2,302.92
For Dispensary Supplies.....	745.24

\$8,450.73

Net deficit for the year..... **\$2,114.67**

S. W. WOODWARD,

Treasurer.

Sustaining Members and Contributions.

Mrs Geo Barrie.....	\$5.00	Mrs A. F. A. King.....	\$5.00
Mrs C. J. Bell.....	5.00	Mr Wm King.....	5.00
Mrs C. V. R. Berry.....	5.00	Mrs Chas King.....	5.00
Mrs H. R. Blakewell.....	5.00	Mr J. B. Lambe.....	5.00
Mrs W. C. Bodden.....	5.00	Mrs Chas H Lane.....	5.00
Mrs J. W. Bovee.....	5.00	Miss Lentau.....	5.00
Mr N. W. Burchell.....	5.00	Mr A. M. Lohrrop.....	5.00
Mrs G. H. Brown.....	10.00	Miss McNamey.....	.00
Mrs S. C. Briggs.....	10.00	Mrs W. H. McKnew.....	10.00
Mr S. C. Briggs.....	10.00	Mrs D. B. McKee.....	2.00
Mrs Edna C. Burdges.....	5.00	Mrs H. Marin.....	5.00
Mrs W. K. Butler.....	5.00	Capt H. Marin.....	5.00
Mrs W. P. Carr.....	5.00	Miss McNeil.....	.00
Mrs Mitchell Carroll.....	5.00	Wm B. Moses & Sons.....	5.00
Mrs H. L. Crawford.....	5.00	Mr W. F. Mattingly.....	5.00
Mr Percy Crawford.....	5.00	Mrs F. P. McLean.....	9.00
Mrs Cooper.....	5.00	Mr John R. Mayor.....	5.00
Mrs G. W. Cook.....	5.00	Mrs J. C. Nease.....	.00
Dr H. E. Deale.....	5.00	Mrs Gen Person.....	5.00
Mr J. Mackay Dove.....	5.00	Mrs Prentiss.....	5.00
Mrs Dooley.....	5.00	Miss Prentiss.....	5.00
Mrs S. S. Everett.....	5.00	Dr L. W. Kildare.....	5.00
Mr S. S. Everett.....	5.00	Miss Edith Hobart.....	.00
Miss M. C. Everett.....	5.00	Mr John Raynor.....	5.00
Mr Geo N. Everett.....	5.00	Mr C. A. Sawyer.....	5.00
Mr L. W. Fairwick.....	5.00	Miss Sargent.....	1.00
Mrs D. S. Foster.....	5.00	Mrs A. H. Strand.....	5.00
Mrs J. F. Francis.....	20.00	Mr J. C. Slater.....	5.00
Mrs B. W. Frazer.....	15.00	Mrs Schleicher.....	5.00
Mr Daniel Frazer.....	2.00	Mrs Mary Spates.....	6.00
Mr G. H......	2.00	Mrs D. K. Stalter.....	10.00
Mrs C. C. Glover.....	5.00	Mrs F. T. Sauter.....	.00
Mrs S. H. Greene.....	5.00	Mrs Schmitz.....	5.00
Mr Z. D. Gilman.....	5.00	Mr B. H. Stoeckitz.....	5.00
Mrs Gould.....	5.00	Mrs Springer's memorial.....	.00
Mrs Gould & S. S. Class.....	5.00	Dr E. A. de Schweinitz.....	5.00
Mrs Glazebrook.....	5.00	Mrs H. W. Taylor.....	5.00
Mrs Gore.....	5.00	Mrs H. N. Taplin.....	5.00
Mrs R. H. Guayell.....	5.00	Mrs H. C. Thompson.....	.00
Mrs G. W. Haydon.....	5.00	Mrs F. W. Tapp.....	5.00
Miss Florence Harding.....	5.00	Mr W. S. Thompson.....	5.00
Mrs Anna Hazleton.....	5.00	Mr W. B. Thompson.....	5.00
Mrs W. S. Hartman.....	5.00	Thursday Morning Sewing Club.....	1.00
Mr W. A. H. Johnson.....	5.00	Tyler & Ellsworth.....	5.00
Mr Garnet L. Hills.....	5.00	Mrs T. M. Tyssowski.....	5.00
Mrs W. H. Hobke.....	10.10	Mrs J. Van Rossebaert.....	5.00
Mrs H. L. Hodgkins.....	5.00	Mr Levi Woodbury.....	.00
Mrs Horrellower.....	5.00	Mrs B. L. Whitford.....	10.00
Mr Carl Hoffmann.....	5.00	Mrs W. A. Wilbur.....	.00
Dr W. W. Johnston.....	5.00	Miss Anna Wayland.....	10.00
Mr Chas A. James.....	5.00	Mrs Walbridge.....	1.00
Dr H. L. E. Johnson.....	5.00	Miss Woodward.....	12.00
Mr T. J. Keating.....	5.00	Mrs G. B. Welch.....	5.00
Dr A. F. A. King.....	5.00		

Donations November 1, 1899, to November 1, 1900.

November.

- Col. Bingham—Cut flowers several times.
 Mrs. C. W. Richardson—7 jars preserves, 5 jars jelly, 2 jars pickles, 2 rubber plants, 1 floor polisher, 6 bunches celery.
 Ladies of First Baptist Church for "Cuthbert Room"—1 doz. pillowcases
1 doz. sheets.
 Mrs. Thompson—1 jar jelly.
 Mr. J. W. Clarke for "Cuthbert Memorial Room"—Holy Bible.
 Mrs. Main—Old linen, 2 doz. lemons, bag prunes, 2 cans corn, 2 cans tomatoes, 4 boxes cereals.
 Mrs. W. H. Hoeke—Old linen, 1 turkey, 6 jars jelly, 1 gal. ice cream, 3 cakes.
 Mrs. John Van Rensselaer—Cut flowers, old linen, 1 turkey, $\frac{1}{2}$ doz. oranges, 3 boxes cornstarch, 1 box cocoa, 2 cakes sapolio, 8 bars soap, 4 boxes rolled oats.
 Mrs. Shands—1 basket apples.
 Dr. A. F. A King—Surgical instruments, 1 barrel potatoes.
 Mrs. A. F. A. King—1 barrel flour.
 Dr. H. A. May—1 Fleische's Hemometer.
 Dr. Anderson—1 galvanic battery, 1 faradic battery, surgical instruments.
 Mrs. True—6 jars jelly, bread, rolls, cut flowers.
 Mrs. Gardiner Hubbard—1 year's subscription to McClure's Magazine,
11 boxes wafers, 5 boxes cereals, 4 cans soup, 3 boxes cocoa, 10 lbs. prunes, 5 lbs. rice, 1 lb. coffee, 10 lbs. granulated sugar, 1 King's Daughters "Neighboring Tea."
 First Baptist Church for "Cuthbert Memorial Room"—2 bureau covers, 2 splashes, 2 washstand covers.
 Miss Polkiniern—1 bedspread for "Cuthbert Memorial Room," 1 jar jelly.
 Mrs. W. H. Sampson—1 bedspread for "Cuthbert Memorial Room."
 Mrs. John Lorow, 1 barrel turnips.
 Mrs. H. C. Lorow, 1 barrel flour.
 Engells & Sons—6 bunches celery, 2 doz. oranges, 1 doz. lemons, 3 pts. cranberries, 1 peck apples.
 Mrs. M. E. Morgan—1 bag beans, 1 bag apples.
 Mrs. F. P. Morgan—3 bunches celery.
 Mr. S. R. Waters—25 lbs. rice.
 C. C. Bryan—25 lbs. granulated sugar.
 Mr. Morrison—1 qt. cranberries, 2 bunches celery, 1 bag sweet potatoes, 1 bag apples.
 Miss Bradilock—3 bushels potatoes.
 Dr. Thomas Dowling—10 lbs. cut sugar.
 To-Kalon Wine Co.—2 bottles whisky, 2 bottles sherry.
 Mrs. Frank Conner—Bag of apples, pears and oranges, 1 pie, 1 basket grapes, 2 jars jelly.
 Dr. F. P. Morgan—miscellaneous drugs and medicines.
 Mrs. Frank Crocker—2 boxes wafers, 2 jars jelly, 1 box cocoa, 1 bag tea, 2 lbs. cut sugar.
 Havenner Baking Co.—15 lbs. crackers.
 Mrs. William C. Borden—2 jars jelly, 2 jars preserves.
 Mrs. Shallenberger—10 lbs. oatmeal, 25 lbs. sugar, bag vegetables, bag fruit, 6 jars jelly.

Miss Amy Richardson—1 bottle grape juice.
 John Thomas—Bag potatoes.
 Miss Ellen Tasker—Bag sweet potatoes.
 Mrs. Robert Lee—Bag apples.
 Mr. George McAvoy—Bag potatoes.
 Mrs. W. H. McKnew—Bag potatoes, 1 box wafers, 1 lb. coffee, 1 bag oatmeal, 1 bag sugar.
 Mrs. E. W. Cook—Bag flour.
 Mrs. G. A. King—Bag apples, box hominy, 1 lb. chocolate, 2 lbs. cut sugar.
 Mrs. W. K. Butler—1 bottle olives, pickles, jar preserves, 1 doz. oranges, 1 jar jelly, 2 bags crackers, $\frac{1}{2}$ doz. lemons, 1 bag raisins, 2 boxes rolled oats, 1 bag corn meal.
 Mrs. Sheppard—2 doz. oranges.
 Mrs. Wheeler—1 bag fruit, 2 boxes rolled oats.
 C. Jaynes & Sons—1 turkey.
 Miss Paige—5 boxes rolled oats.
 Mrs. Crawford—1 bag vegetables, 1 bag flour.
 Mrs. Shepard Everett—2 boxes rolled oats, 2 boxes shredded wheat biscuits, 1 box cereal.
 Miss Mary Levy—1 bottle whisky.
 Dr. W. W. Johnston—Bag fruit.
 Mrs. Virginia Cusack—1 box cereal, 1 jar jelly, 1 bag fruit.
 Mrs. E. S. Smith—1 bag fruit.
 Mrs. W. S. Harban—1 lb. tea, 1 lb. coffee, 5 lbs. cut sugar, 4 boxes rolled oats, 1 box cocoa.
 Mrs. H. L. Crawford—1 bag cornmeal, package rice, 1 lb. coffee, 5 lbs. cut sugar, 1 box cocoa.
 G. G. Cornwell & Sons—50 boxes cereals.
 Mrs. J. Watkins—1 lb. tea, 1 lb. coffee, 1 lb. rice, 1 box cornstarch.
 Mrs. C. H. Bell—9 boxes biscuits, 7 boxes cereal, 6 boxes cocoa, 4 cans soup, 2 lbs. coffee, 2 dozen lemons, $\frac{1}{2}$ bushel apples.
 Mrs. A. M. Lothrop—2 boxes wafers, 3 boxes biscuits.
 Mr. B. P. Watrous—1 turkey.
 Miss G. Boynton—1 can tomatoes, corn and peas, 2 quarts cranberries, 1 bag apples.
 Mr. Corbin Thompson—1 turkey.
 Dr. Townsend—1 bag apples.
 Fox & Bros.—2 gals. milk.
 Mrs. True—5 lbs. cut sugar, 1 can tomatoes, 1 dozen lemons, 1 can peas, bag potatoes, cornmeal, nuts and apples.
 Mrs. W. C. Borden—20 lbs. granulated sugar.

December.

Robert L. Anderson—1 bu. apples.
 Mrs. Hodgkins—Old linen, pieces ribbon.
 Miss Hazzard—7 jars jelly.
 Miss McNier—Magazines.
 Mrs. Charles Lane—Table cover for "Cuthbert Memorial Room."
 Mrs. L. H. Main—Old linen.
 Mrs. Shallenberger—Old linen, Christmas greens.
 Mrs. W. K. Butler—Magazines.
 Mrs. C. V. K. Berry—1 doz. oranges, 1 lb. figs, 3 lbs. prunes, 2 jars jam, 3 boxes rolled oats, 1 can cocoa, 1 package candy.

Miss Mae McCauley—10 lbs. coffee, 1 ham, 1 box rolled oats, 4 cans tomatoes, 5 lbs sugar, 5 lbs rice, 6 boxes coco, 2 boxes tapioca, 2 boxes cornstarch, 2 boxes cereals, 6 jars jam, 6 boxes oat food, 5 lbs. crackers, Christmas greens.
 Mrs. W. C. Borden—20 lbs. rice.
 Mrs. McCutcheon—4 jars jelly.
 Mrs. Seymour—1 box rolled oats, bag prunes, rice, sugar, tea, 2 boxes wafers, 4 cakes soap.
 New York Ave. Presbyterian Church—Cut flowers.
 Major G. Greenough—1 lb. chocolate, tea, sugar, coffee, beans, rice.
 Miss Attwater—1 year's subscription to Munsey's magazine.
 Mrs. B. L. Whitman—1 piece Christmas ribbon.
 Mrs. John Van Rensselaer—2 Christmas wreathes.
 Mrs. Emma Frank—Fruit cake for nurses and doctors.
 Miss Helen Woodward—Christmas greens.
 Mrs. Grace Berry—2 plants.
 Mrs. Thaddeus M. Tyseowski—Christmas greens, 3 jars jelly.
 Miss Della Jarvis—Mince pie, Christmas greens.
 Mrs. R. H. Gunnell—Christmas greens.
 Mrs. Charles Lane—Christmas ribbon.
 Mrs. C. J. Bell—1 doz. oranges, bag apples, 2 lbs. grapes, 1 lb. raisins, 2 lbs. figs, bag prunes, 1 box wafers.
 Mrs. Gardiner Hubbard—1 doz. oranges, 1 bag apples, 2 lbs. prunes, 2 lbs. figs, 1 lb. raisins, 1 box wafers.
 Dr. C. W. Richardson—13 bunches celery.
 Dr. W. W. Johnson—Miscellaneous drugs and foods; 1 microscope, 1 picture, "Worn Out," Christmas cake.
 The American Baptist Publication Society, through Mrs. E. B. Pollard—24 copies of the New Testament.
 Mrs. F. P. Morgan—12 jars jelly.
 The National Plant, Flower and Fruit Guild—Cut flowers, 1 doz. oranges.
 Mrs. W. A. Wilbur—1 set dominoes.
 Miss Elizabeth Wilbur—1 jar jelly.

January.

Mrs. C. V. R. Berry—Old linen.
 Mrs. W. S. Washburn—Magazines.
 Mr. P. D. Blackstone—6 potted plants.
 National Plant, Flower and Fruit Guild—Cut flowers.
 Mrs. Portner—Cut flowers
 Miss Helen Woodward—Magazines, pajamas.
 Mrs. Mein—Books.
 Mr. C. T. Eldridge—Magazines.
 Mrs. W. A. Wilbert, for "Cuthbert Memorial Room"—2 towels.
 First Baptist Church—2 towels.
 Mrs. Bigelow—Harper's Magazine (monthly).
 Mrs. John Van Rensselaer—Rubber air cushion.
 Mrs. True—Books.
 Mrs. C. W. Richardson—Old linen.
 Mrs. Robert Gunnell—Papers.

February.

Dr. W. G. Morgan—Quantity rubber goods.
 Mr. C. T. Eldridge—Magazines.
 Miss Mae McCauley—Jar jam.

Dr. W. W. Johnston—2 bottles Apenta water.
 Mrs. Gardiner Hubbard—16 sheets.
 Dr. Thomas Dowling—Old linen.
 Mrs. C. W. Richardson—2 jars jam.
 Mrs. J. W. Bovee—Magazines.
 Dr. J. W. Bovee—Drugs and foods.
 Mrs. Shallenberger—Old linen.

March.

Mrs. Shallenberger—1 baking dish, 1 cooking bowl, 2 glass dishes, old
 linen.
 Mrs. B. L. Whitman—2 dozen tumblers.
 Mr. Sam'l Hart—2 sheets, 4 pillowcases.
 Dr. J. Ford Thompson—1 bottle malt.
 The Oakland Chemical Co., New York—3 glass shelf-bottles.
 Dr. A. F. A. King—Medicines and foods, magazines.
 National Plant, Flower and Fruit Guild—Cut flowers.
 Mrs. Sam'l Ward—Commode.
 Miss Lucy Maury—Magazines.
 Miss Morgan—Magazines.
 Miss Helen Woodward—1 dozen oranges.
 Miss McNeir—Magazines.
 Thursday Morning Sewing Society of University Hospital (Columbian)—
 46 sheets, 189 towels, 28 shirts.

April.

Mrs. Shallenberger—Old linen, 2 jars jelly, 1 pickles, 1 jar apple butter,
 7 potted plants.
 Miss Helen Woodward—1 doz. oranges.
 Mrs. Thompson—Magazines.
 Dr. A. F. A. King—Drugs and foods.
 The National Plant, Flower and Fruit Guild—Cut flowers.
 Mr. G. T. Eldridge—Magazines.
 Dr. B. L. Hardin—Drugs.
 Mrs. H. D. Walbridge—2 Easter plants, 1 gal. ice cream.
 G. G. Cornwell & Sons—Kindling wood.
 Mrs. May McCauley—Easter plants.
 Mrs. H. T. Frazier—Easter plants.
 Mrs. Main—1 gal. cream.
 Mrs. Van Rensselaer Berry—1 gal. ice cream, 3 doz. cakes.
 Mrs. Small—Easter plants.
 Calvary Baptist Church—Easter plants.
 The Young Woman's Guild of New York Ave. Presby. Church—Easter
 envelopes with pictures and literature, etc.
 The Friday Morning Sewing Class, through Mrs. Hornblower—24 sheets,
 36 pillowcases, 48 towels, 12 dusters.
 Mrs. G. H. Brown—Fruit.
 Mrs. Anna Nelson—6 cups and saucers, 6 tumblers, 2 funnels, old linen.
 Mrs. McNeir—Old linen.
 Mrs. Morgan—1 cotbed with mattress, 2 Easter plants.
 Miss Lee—Ice cooler.
 Dr. H. C. Yarrow—Magazines.
 Thursday Morning Sewing Society of University Hospital (Columbian)—
 22 dish-towels.
 Dulin & Martin—Dishes loaned.

May.

Dr. A. F. A. King, drugs.
 Mrs. A. F. A. King—6 cans of bouillon.
 Dr. F. P. Morgan—drugs.
 No name—magazine.
 No name—magazines.
 Mrs. Shellenberger—Old linen, flowers.
 Miss McNeir—Magazines.
 The Thursday Morning Sewing Society of Columbian University Hospital—22 dish towels.
 Mr. C. T. Eldridge—Magazines.
 Miss Lucy Maury—Magazines and flowers.
 Mrs. C. W. Richardson—Old linen.
 Mrs. John Van Rensselaer—Flowers.
 Dr. H. C. Yarrow—6 medical books.
 The National Plant, Flower, and Fruit Guild—Flowers.
 Mr. J. R. Kelly—4 potted plants.
 Mrs. Gardiner Hubbard—Flowers.

June.

Mrs. C. W. Richardson—Cut flowers.
 Mrs. Walbridge—12 boxes strawberries.
 Dr. H. C. Yarrow—Medical books.
 Dulin & Martin—Dishes loaned.
 Mrs. Shallenberger—Old linen, box of raspberries, 3 glasses of jelly.
 Miss McNeir—Magazines.
 Mrs. W. C. Borden—1 cake.
 No name—Magazines.
 Mrs. Frazier—1 gal. ice cream.
 Mr. C. T. Eldridge—Magazines.
 Mrs. Morgan—1 agate basin.
 Mrs. W. H. Hoekse—1 doz. blank tablets.
 Dr. F. P. Morgan—Drugs.
 Dr. Thomas Dowling—Basket cherries.
 The National Plant, Flower and Fruit Guild—Flowers.
 Mrs. Hodgkiss—1 gal. ice cream.
 Col. Bingham—Cut flowers several times.
 Woodward & Lothrop—Magazines.
 Mrs. E. H. Brown—2 gals. ice cream.
 Mrs. S. S. Everet—Box of lettuce.

July.

Col. Bingham—Cut flowers several times.
 Mrs. Gunnell—1 gallon ice cream.
 Miss Mae McCauley—1 gallon ice cream.

August.

Col. Bingham—Cut flowers several times.
 The National Plant, Flower and Fruit Guild—Flowers.
 New York Avenue Presbyterian Church—Flowers.
 Mrs. C. W. Richardson—Basket of tomatoes.
 Mrs. Walbridge—1 bushel of tomatoes.
 Miss Wayland—Old linen.

September.

Col. Bingham—Cut flowers several times.
Miss Lucy Maury—Magazines.
New York Avenue Presbyterian Church—Cut flowers.
Mrs. Walbridge—Old linen.
Mrs. Shallenberger—Bushel peaches.
Miss Lucy Palmer—1 pitcher.

October.

Col. Bingham—Cut flowers several times.
N. Y. Ave. Presbyterian Church—Cut flowers.
Mrs. Carroll—1 jar jelly.
G. G. Cornwell & Sons—Load kindling wood.
Mrs. Cranford—Can pickles, magazines.
Miss May McCauley—3 cans preserves.
Dr. Sterling Ruffin—Drugs.
Dr. H. C. Yarrow—Drugs.
Mrs. W. P. Carr—Cut flowers and cards.
Mrs. Washburn—Magazines.
Miss Elizabeth Wilbur—2 jars jelly.
Mrs. A. B. Wilber—Set checkers and board.
Mrs. Gunnell—6 jars preserves.
Mrs. Roderick—1 jar preserves.
Mrs. Werner—1 jar preserves.
Mrs. Fletcher—1 jar preserves.
The National Plant, Flower and Fruit Guild—Cut flowers.
Franklin & Co.—6 pairs dark glasses with cases.
Miss Lucy Maury—20 lbs. granulated sugar.
Mrs. Foster—Flowers, wine.
Miss Lutz—Old linen.
Mr. S. G. Ward—Cut flowers.

